SAMSUNG VPL500

MODEL

SERVICE MANUAL

1. Precautions

1. Be sure that all of the built-in protective devices are replaced. Restore any missing protective shields.

2. When reinstalling the chassis and its assemblies, be sure to restore all protective devices, including :
   control knobs and compartment covers.

3. Make sure that there are no cabinet openings through which people--particularly children --might insert fingers and contact dangerous voltages. Such openings include the spacing between the picture tube and the cabinet mask, excessively wide cabinet ventilation slots, and improperly fitted back covers.

   If the measured resistance is less than 1.0 megohm or greater than 5.2 megohms, an abnormality exists that must be corrected before the unit is returned to the customer.

4. Leakage Current Hot Check (See Fig. 1) :
   Warning : Do not use an isolation transformer during this test. Use a leakage current tester or a metering system that complies with American National Standards Institute (ANSI C101.1, *Leakage Current for Appliances*), and Underwriters Laboratories (*UL Publication UL1410, 59.7*).

5. With the unit completely reassembled, plug the AC line cord directly the power outlet. With the unit's AC switch first in the ON position and then OFF, measure the current between a known earth ground (metal water pipe, conduit, etc.) and all exposed metal parts, including : antennas, handle, brackets, metal cabinets, screwheads and control shafts. The current measured should not exceed 0.5 milliamp. Reverse the power-plug prongs in the AC outlet and repeat the test.

6. X-ray Limits :
   The picture tube is designed to prohibit X-ray emissions. To ensure continued X-ray protection, replace the picture tube only with one that is the same type as the original.

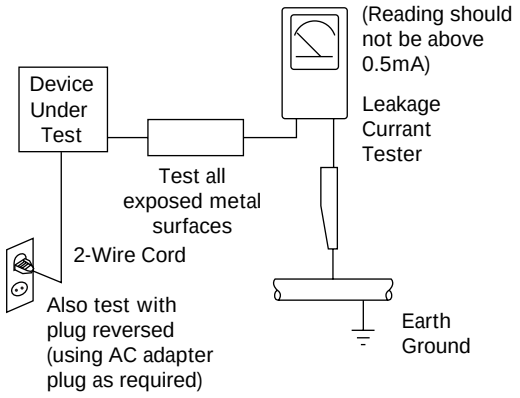

(Reading should not be above 0.5mA)
Device Under Test
Leakage Currant Tester
Test all exposed metal surfaces
2-Wire Cord
Also test with plug reversed (using AC adapter plug as required)
Earth Ground

Fig. 1 AC Leakage Test

7. Antenna Cold Check :
   With the unit's AC plug disconnected from the AC source, connect an electrical jumper across the two AC prongs. Connect one lead of the ohmmeter to an AC prong.
   Connect the other lead to the coaxial connector.

8. High Voltage Limit :
   High voltage must be measured each time servicing is done on the B+, horizontal deflection or high voltage circuits.

   Heed the high voltage limits. These include the *X-ray protection Specifications Label, and the Product Safety and X-ray Warning Note* on the service data schematic.

9. Some semiconductor ("solid state") devices are easily damaged by static electricity.
   Such components are called Electrostatically Sensitive Devices (ESDs); examples include integrated circuits and some field-effect transistors.
   The following techniques will reduce the occurrence of component damage caused by static electricity.

10. Immediately before handling any semiconductor components or assemblies, drain the electrostatic charge from your body by touching a known earth ground. Alternatively, wear a discharging Wrist-strap device. (Be sure to remove it prior to applying power--this is an electric shock precaution.)

11. High voltage is maintained within specified limits by close-tolerance, safety-related components and adjustments. If the high voltage exceeds the specified limits, check each of the special components.

12. Design Alteration Warning :
    Never alter or add to the mechanical or electrical design of this unit. Example : Do not add auxiliary audio or video connectors. Such alterations might create a safety hazard. Also, any design changes or additions will void the manufacturer's warranty.

13. Hot Chassis Warning :
    Some TV receiver chassis are electrically connected directly to one conductor of the AC power cord. If an isolation transformer is not used, these units may be safely serviced only if the AC power plug is inserted so that the chassis is connected to the ground side of the AC source.

    To confirm that the AC power plug is inserted correctly, do the following : Using an AC voltmeter, measure the voltage between the chassis and a known earth ground. If the reading is greater than 1.0V, remove the AC power plug, reverse its polarity and reinsert. Re-measure the voltage between the chassis and ground.

14. Some TV chassis are designed to operate with 85 volts AC between chassis and ground, *regardless of the AC plug polarity*. These units can be safely serviced *only* if an isolation transformer inserted between the receiver and the power source.

15. Never defeat any of the B+ voltage interlocks. Do not apply AC power to the unit (or any of its assemblies) unless all solid-state heat sinks are correctly installed.

16. Always connect a test instrument's ground lead to the instrument chassis ground *before* connecting the positive lead; always remove the instrument's ground lead last.

17. Observe the original lead dress, especially near the following areas : Antenna wiring, sharp edges, and especially the AC and high voltage power supplies. Always inspect for pinched, out-of-place, or frayed wiring. Do not change the spacing between components and the printed circuit board. Check the AC power cord for damage. Make sure that leads and components do not touch thermally hot parts.

18. Picture Tube Implosion Warning :
    The picture tube in this receiver employs "integral implosion" protection. To ensure continued implosion protection, make sure that the replacement picture tube is the same as the original.

19. Do not remove, install or handle the picture tube without first putting on shatterproof goggles equipped with side shields. Never handle the picture tube by its neck. Some "in-line" picture tubes are equipped with a permanently attached deflection yoke; do not try to remove such "permanently attached" yokes from the picture tube.

20. Product Safety Notice :
    Some electrical and mechanical parts have special safety-related characteristics which might not be obvious from visual inspection. These safety features and the protection they give might be lost if the replacement component differs from the original--even if the replacement is rated for higher voltage, wattage, etc.

    Components that are critical for safety are indicated in the circuit diagram by shading, (⚠ or ⚠).
    Use replacement components that have the same ratings, especially for flame resistance and dielectric strength specifications.
    A replacement part that does not have the same safety characteristics as the original might create shock, fire or other hazards.

2. Product Specifications and Comparison Chart

2-1 NTSC Model (SCL500/L520/L530/L550)

System	SCL500/L520/L530/L550
Recording system	Video: 2 rotary heads Helical scanning FM Audio: FM monaural system
Video signal	NTSC color, EIA standard
Usable cassette	SCL500/L520/L530 : 8mm SCL550 : Hi8 or 8mm
Tape speed	SP:14.345 mm/sec
Speed mode	Record: SP only, Playback: SP and LP
Recording time	P6-120: 120 min.
FF or REW time	P6-120: approx. 6.5 min.
Image device	CCD(Charge Coupled Device)
Optical zoom ratio	22X
Focal lengh: f	3.6 ~ 79.2 mm
F	1.6
Filter diameter	46 mm
Focus system	Inner
Macro	Auto wide macro
Min. Illumination	0.3 lux (visible)
Connectors	
Video out	Mini jack, 1 Vp-p, 75 ohms, Unbalanced
Audio out	Mini jack 7.7 dBs, imp.: less than 1.8 K ohms
External mic	Monaural, Ø3.5
General	
Power requirement	7.4 ~ 8.4 V DC
Power consumption	SCL500/L520: 4.3W, SCL530: 4.7W, SCL550: 5.3W
Built-in mic	Condenser mic, omni-directional
Operating temperature	0°C to 40°C (32°F to 104°F)
Dimension (W x H x D)	101 x 104 x 176 (mm) ; 3.98 x 4.09 x 6.93 (inch)
Weight	760g (1.675 lbs)

2-2 PAL Model (VP-L500/L520/L530/L530B/L550)

System	VP-L500/L520/L530/L530B/L550
Recording system	Video: 2 rotary heads Helical scanning FM Audio: FM monaural system
Video signal	PAL color, CCIR standard
Usable cassette	VP-L500/L520/L530/L530B: 8mm VP-L550: Hi8 or 8mm
Tape speed	SP: 20.051 mm/sec
Speed mode	Record: SP only, Playback: SP and LP
Recording time	P5-120: 120 min.
FF or REW time	P5-120: approx. 8 min.
Image device	CCD(Charge Coupled Device)
Optical zoom ratio	22X
Focal lengh: f	3.6 ~ 79.2 mm
F	1.6
Filter diameter	46 mm
Focus system	Inner
Macro	Auto wide macro
Min. Illumination	0.3 lux (visible)
Connectors	
Video out	Mini jack, 1 Vp-p, 75 ohms, Unbalanced
Audio out	Mini jack 7.7 dBs, imp.: less than 1.8 K ohms
External mic	Monaural, Ø3.5
General	
Power requirement	7.4 ~ 8.4 V DC
Power consumption	VP-L500/L520: 4.3W, VP-L530/L530B: 4.7W, VP-L550: 5.3W
Built-in mic	Condenser mic, omni-directional
Operating temperature	0°C to 40°C
Dimension (W x H x D)	101 x 104 x 176 (mm)
Weight	760g

⌘ The technical specifications and design may be changed without notice.

2-3 Comparison Chart

Model / Features	NTSC			
	SCL500	SCL520	SCL530	SCL550
Format	8mm	8mm	8mm	Hi8
Video Light	X	X	X	X
Battery	Li-ion	Li-ion	Li-ion	Li-ion
BLC	O	O	O	O
Remote Control	X	X	O	O
XDR	X	X	X	X
Viewfinder	EVF	EVF	EVF	EVF
DIS	X	X	O	O
SNAP/SHOT	X	X	O	O
PIP	X	X	O	O
CCD	270K	270K	270K	410K
Digital Zoom Ratio	220X	440X	440X	440X

Model / Features	PAL				
	VP-L500	VP-L520	VP-L530	VP-L530B	VP-L550
Format	8mm	8mm	8mm	8mm	Hi8
Video Light	X	X	X	X	X
Battery	Li-ion	Li-ion	Li-ion	Li-ion	Li-ion
BLC	O	O	O	O	O
Remote Control	X	O	O	O	O
XDR	X	X	X	X	O
Viewfinder	EVF	EVF	EVF	EVF	EVF
DIS	X	X	X	O	O
SNAP/SHOT	X	X	X	O	O
PIP	X	X	X	O	O
CCD	320K	320K	320K	320K	470K
Digital Zoom Ratio	440X	440X	440X	440X	440X

MEMO

3. Disassembly and Reassembly

3-1. Cabinet and PCB

3-1-1 Ass'y Cover Housing Removal

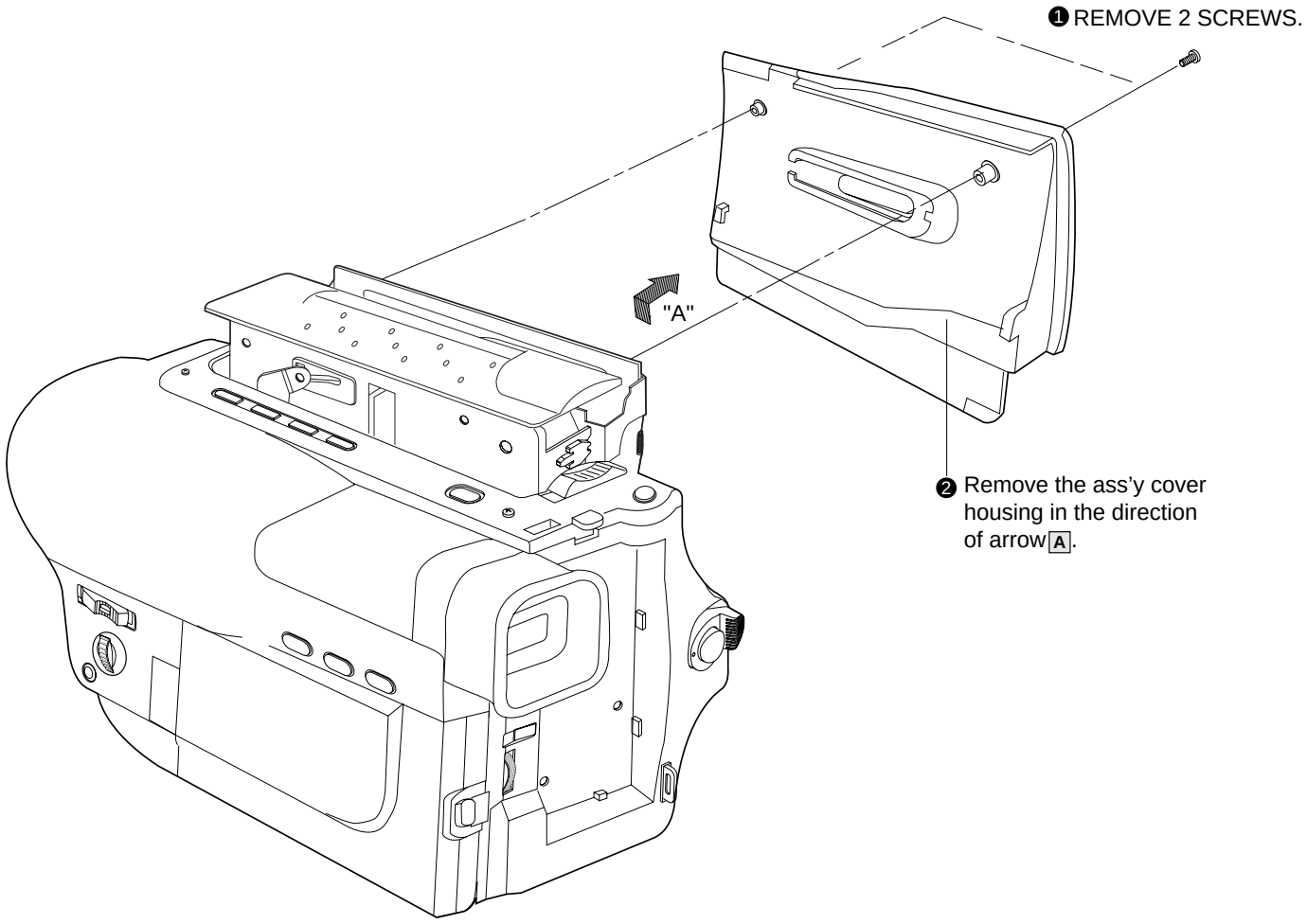


Fig. 3-1 Ass'y Cover Housing Removal

3-1-2 Ass'y Case Top Removal

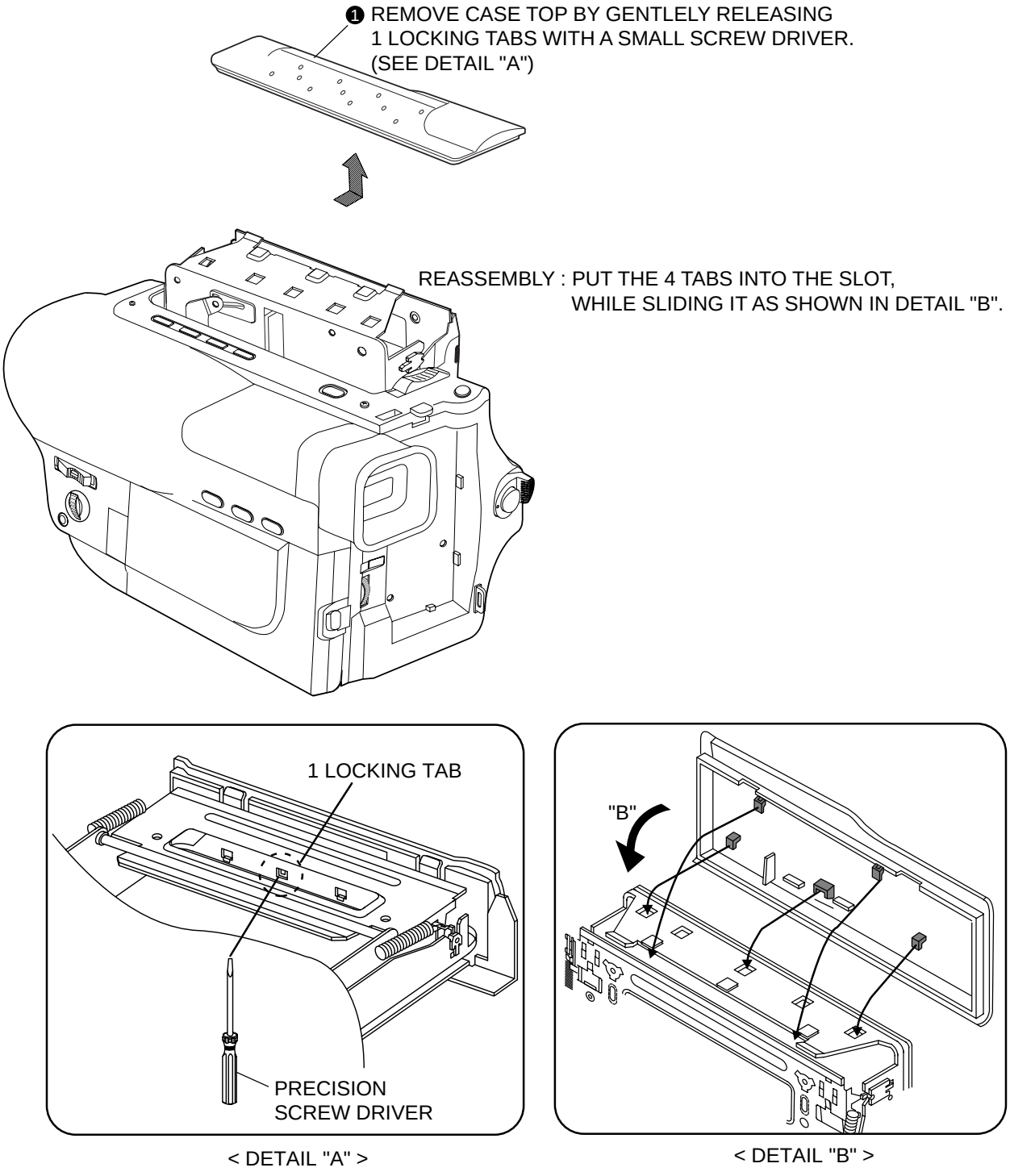

❶ REMOVE CASE TOP BY GENTLELY RELEASING
1 LOCKING TABS WITH A SMALL SCREW DRIVER.
(SEE DETAIL "A")
REASSEMBLY : PUT THE 4 TABS INTO THE SLOT,
WHILE SLIDING IT AS SHOWN IN DETAIL "B".
1 LOCKING TAB
PRECISION
SCREW DRIVER
"B"
< DETAIL "A" >
< DETAIL "B" >

Fig. 3-2 Ass'y Case Top Removal

3-1-3 Ass'y Front Removal

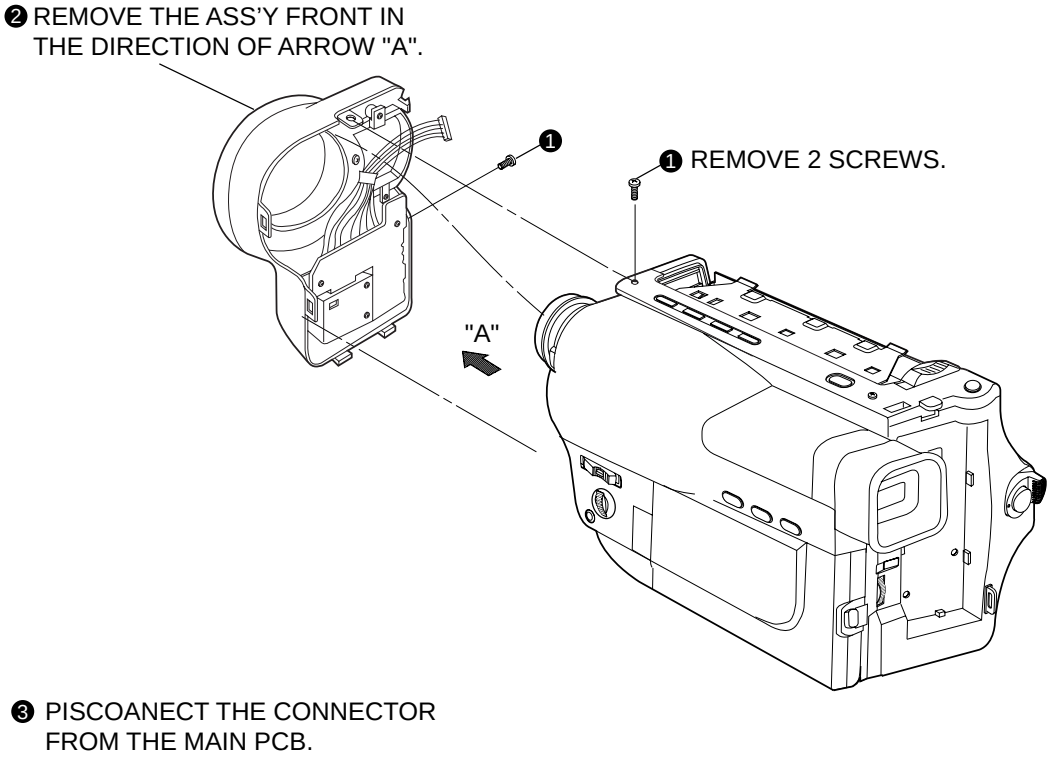


Fig.3-3 Ass'y Front Removal

3-1-4 Ass'y Case Left Removal

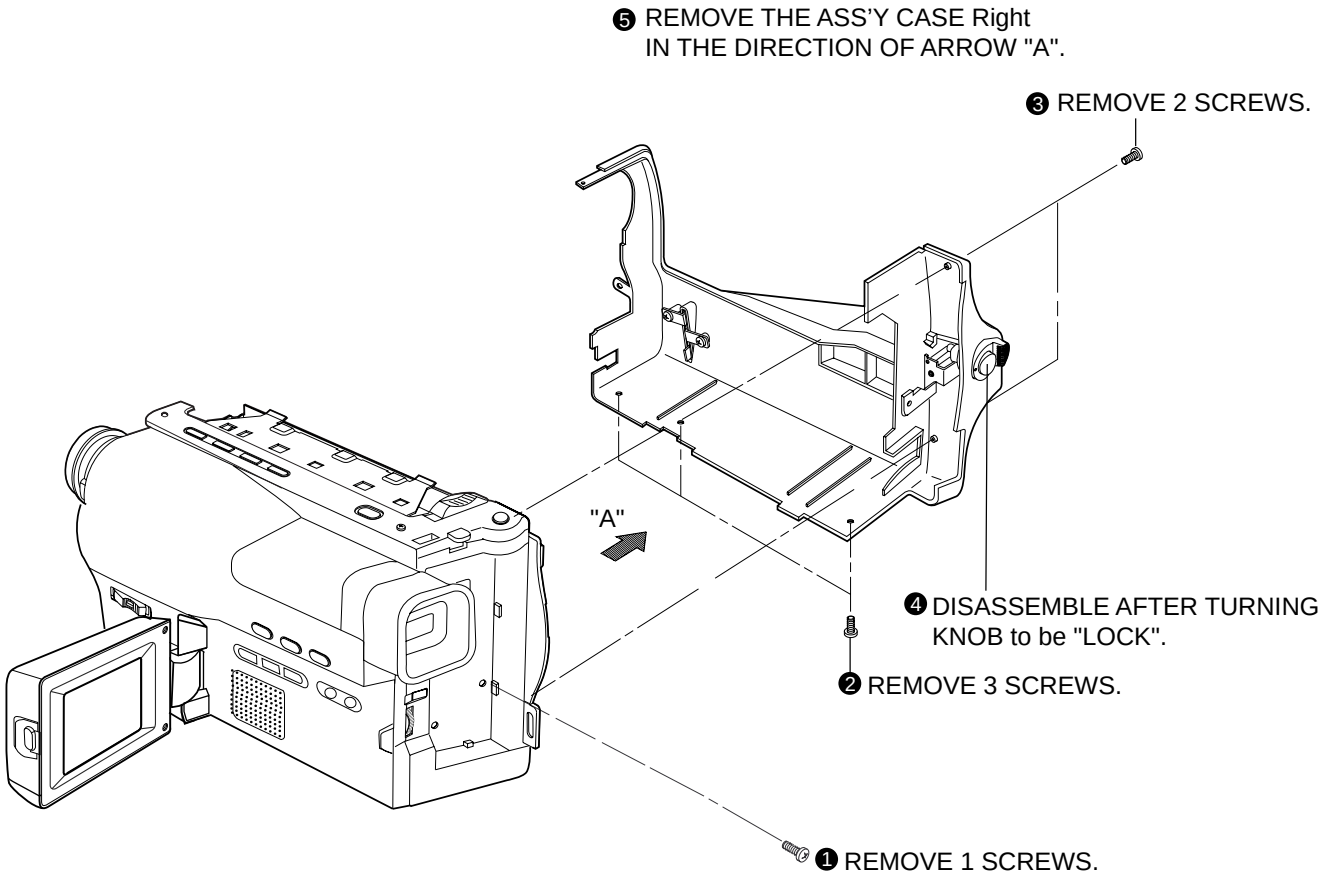

❺ REMOVE THE ASS'Y CASE Right
IN THE DIRECTION OF ARROW "A".
❸ REMOVE 2 SCREWS.
"A"
❹ DISASSEMBLE AFTER TURNING
KNOB to be "LOCK".
❷ REMOVE 3 SCREWS.
❶ REMOVE 1 SCREWS.

Fig. 3-4 Ass'y Case Left Removal

3-1-5 Ass'y Case Right Removal

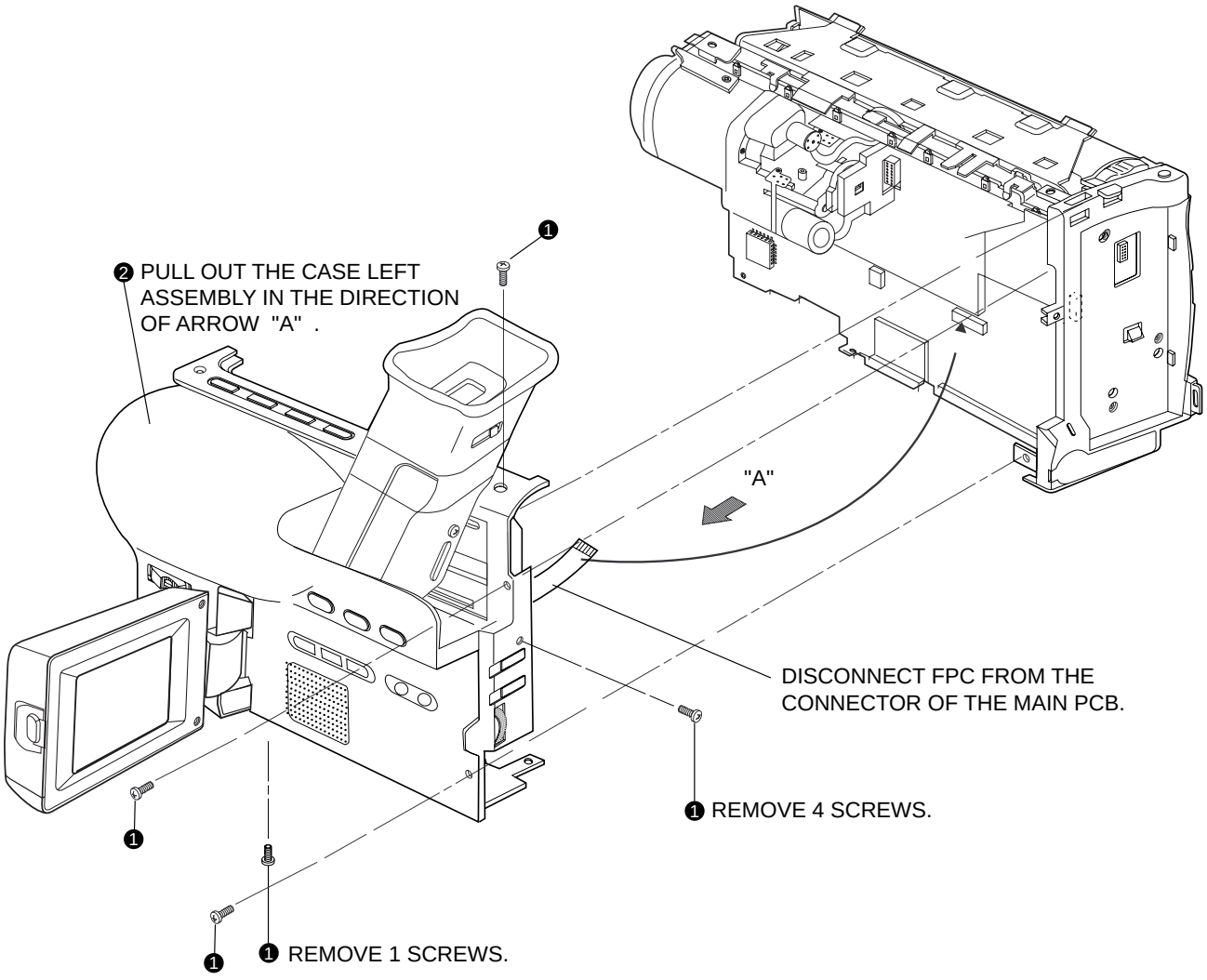

❶
❷ PULL OUT THE CASE LEFT ASSEMBLY IN THE DIRECTION OF ARROW "A" .
"A"
DISCONNECT FPC FROM THE CONNECTOR OF THE MAIN PCB.
❶ REMOVE 4 SCREWS.
❶
❶
❶ REMOVE 1 SCREWS.

Fig. 3-5 Ass'y Case Right Removal

3-1-6 Ass'y LCD Removal

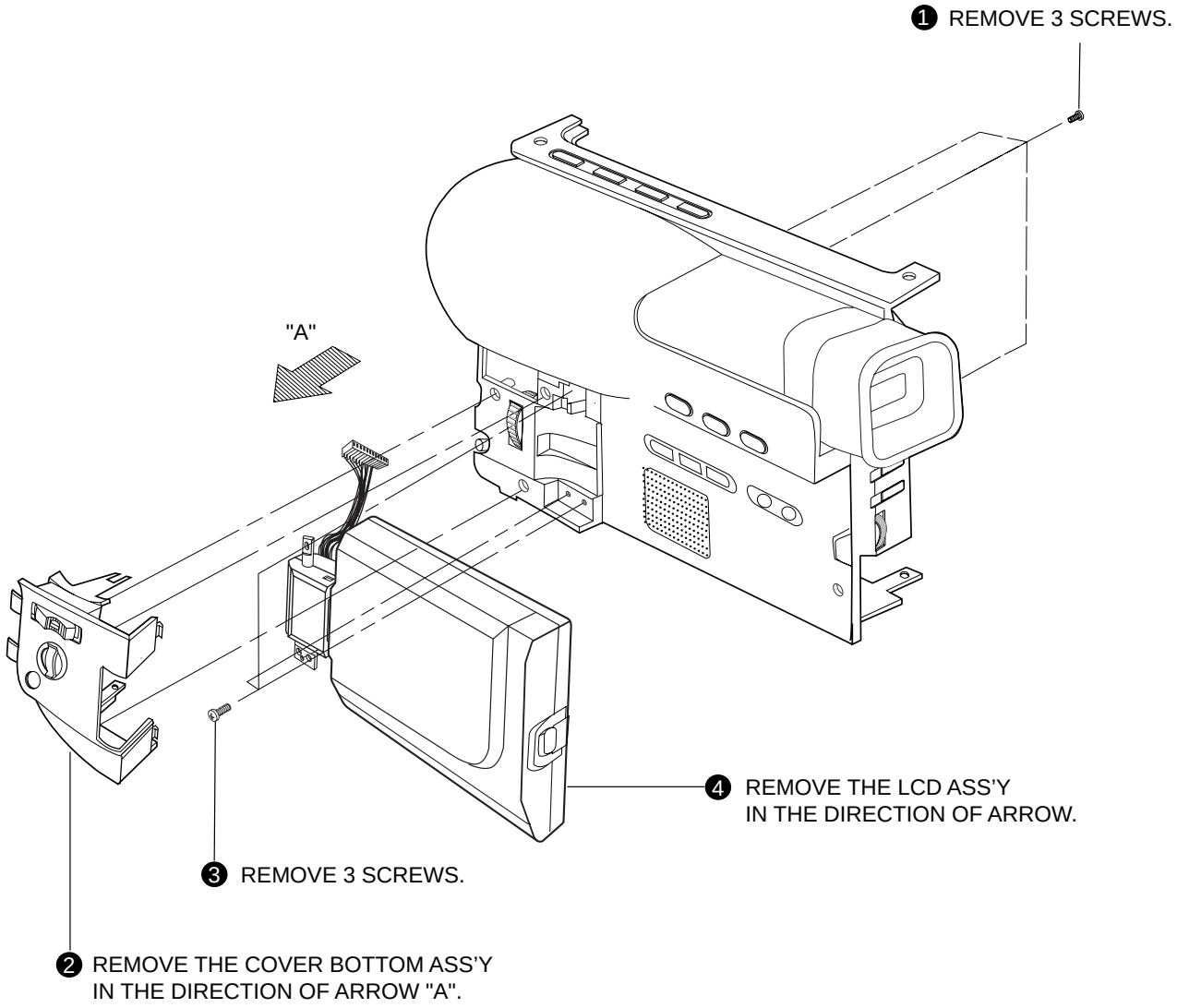

1 REMOVE 3 SCREWS.
"A"
4 REMOVE THE LCD ASS'Y
IN THE DIRECTION OF ARROW.
3 REMOVE 3 SCREWS.
2 REMOVE THE COVER BOTTOM ASS'Y
IN THE DIRECTION OF ARROW "A".

Fig. 3-6 Ass'y LCD Removal

3-1-7 Ass'y EVF Removal

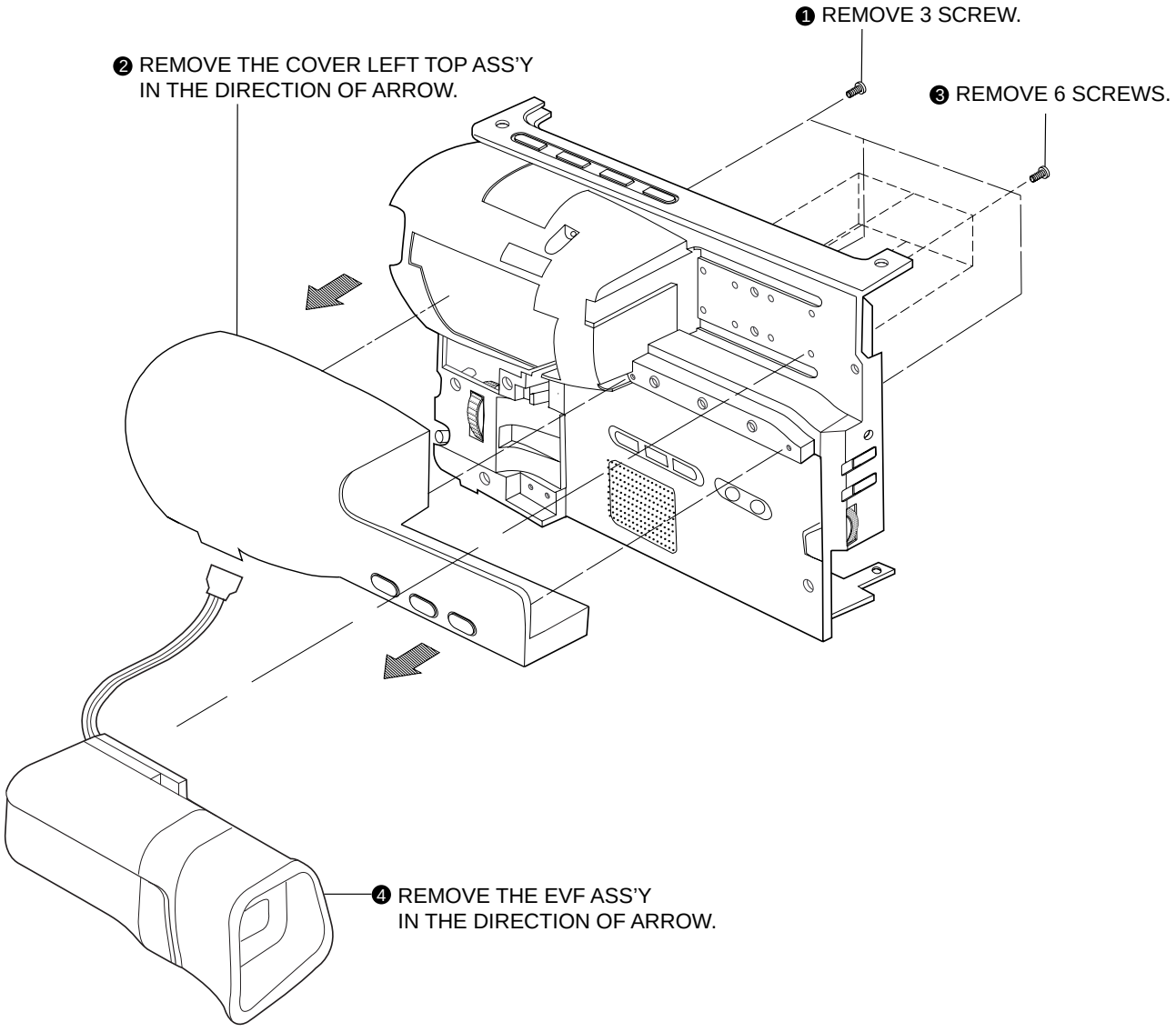

❶ REMOVE 3 SCREW.
❷ REMOVE THE COVER LEFT TOP ASS'Y
IN THE DIRECTION OF ARROW.
❸ REMOVE 6 SCREWS.
❹ REMOVE THE EVF ASS'Y
IN THE DIRECTION OF ARROW.

Fig. 3-7 Ass'y EVF Removal

3-1-8 Ass'y Rear Board Removal

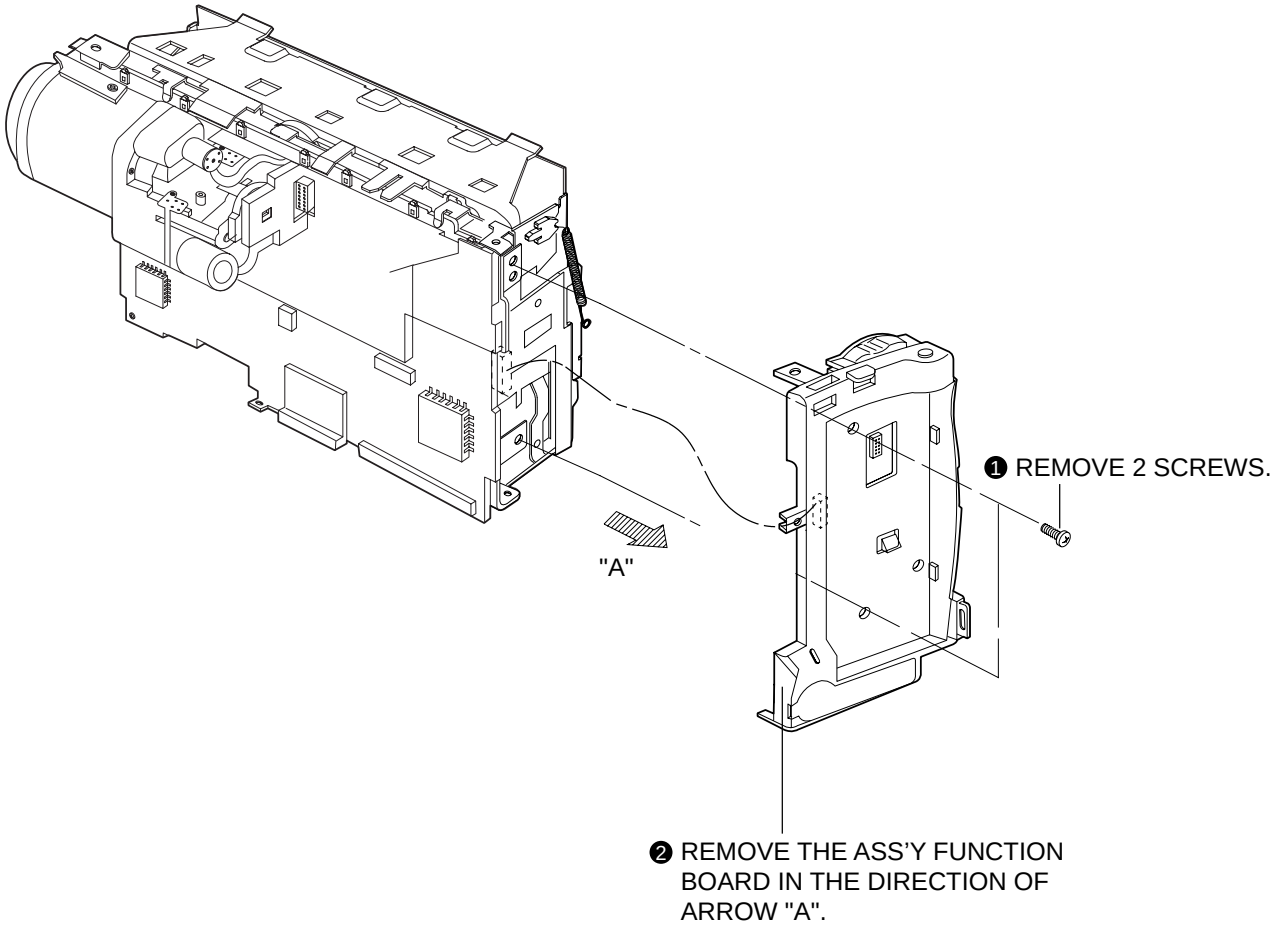


Fig. 3-8 Ass'y Rear Board Removal

3-1-9 Ass'y Deck and Main PCB Removal

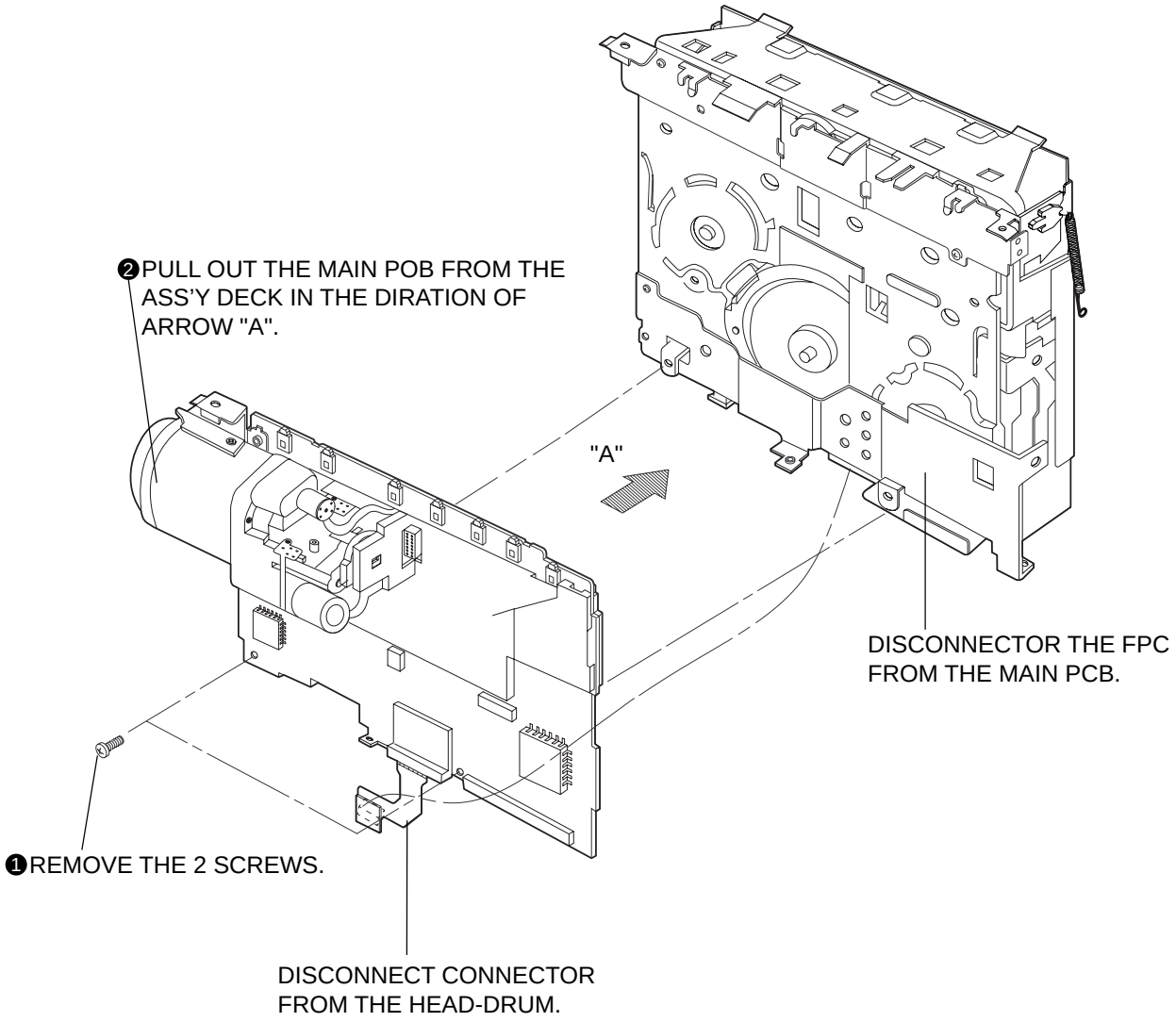

❷PULL OUT THE MAIN POB FROM THE ASS'Y DECK IN THE DIRATION OF ARROW "A".
"A"
DISCONNECTOR THE FPC FROM THE MAIN PCB.
❶REMOVE THE 2 SCREWS.
DISCONNECT CONNECTOR FROM THE HEAD-DRUM.

Fig. 3-9 Ass'y Deck and Main PCB Removal

3-1-10 Ass'y Camera Removal

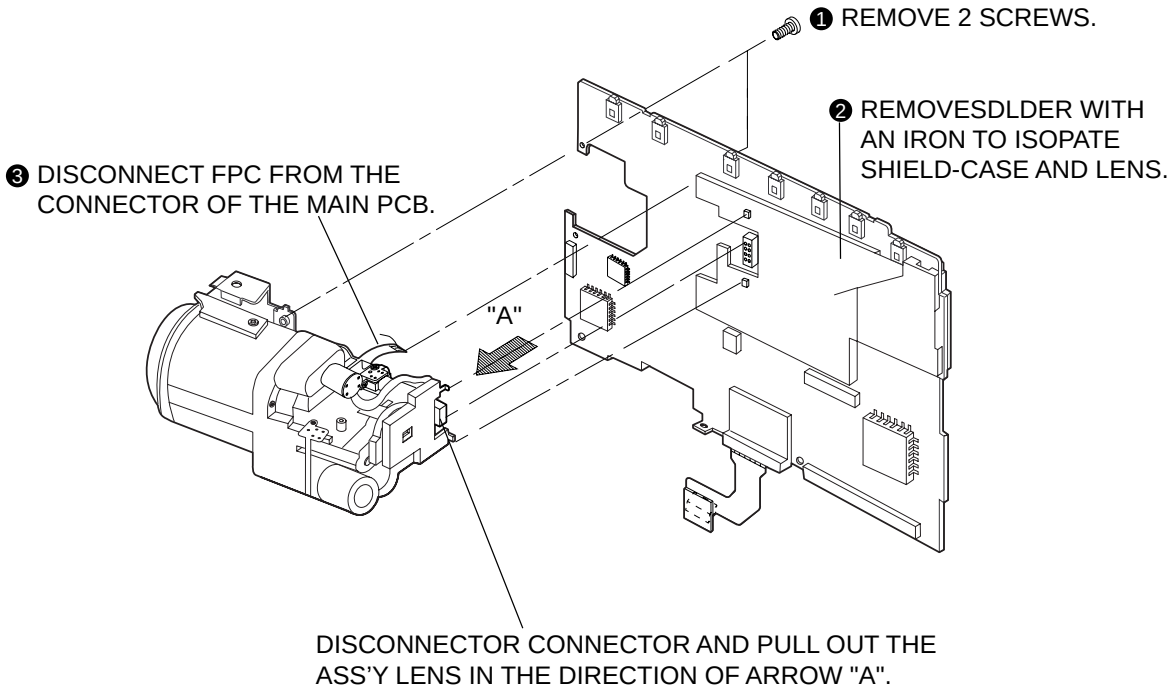

❶ REMOVE 2 SCREWS.
❷ REMOVESDLDER WITH AN IRON TO ISOPATE SHIELD-CASE AND LENS.
❸ DISCONNECT FPC FROM THE CONNECTOR OF THE MAIN PCB.
"A"
DISCONNECTOR CONNECTOR AND PULL OUT THE ASS'Y LENS IN THE DIRECTION OF ARROW "A".

Fig. 3-10 Ass'y Camera Removal

3-2. Circuit Boards Location

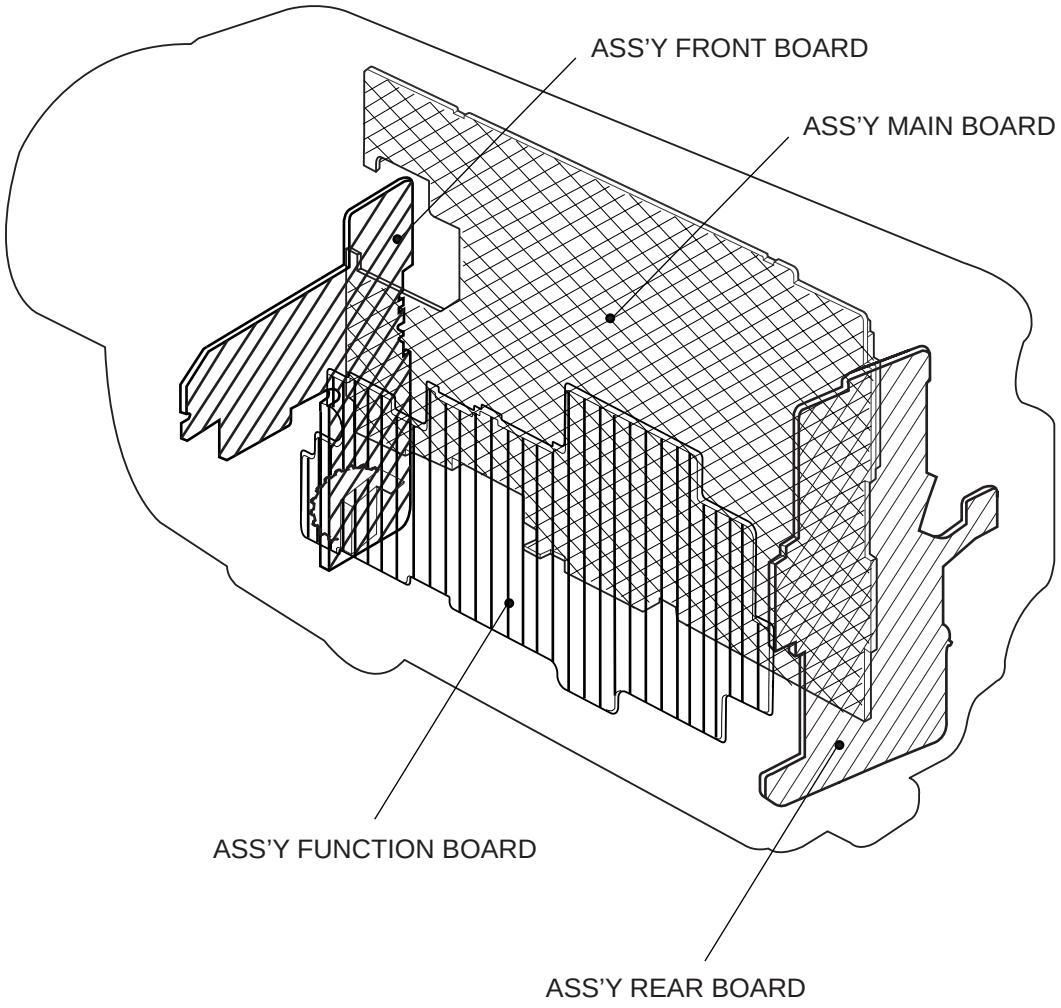
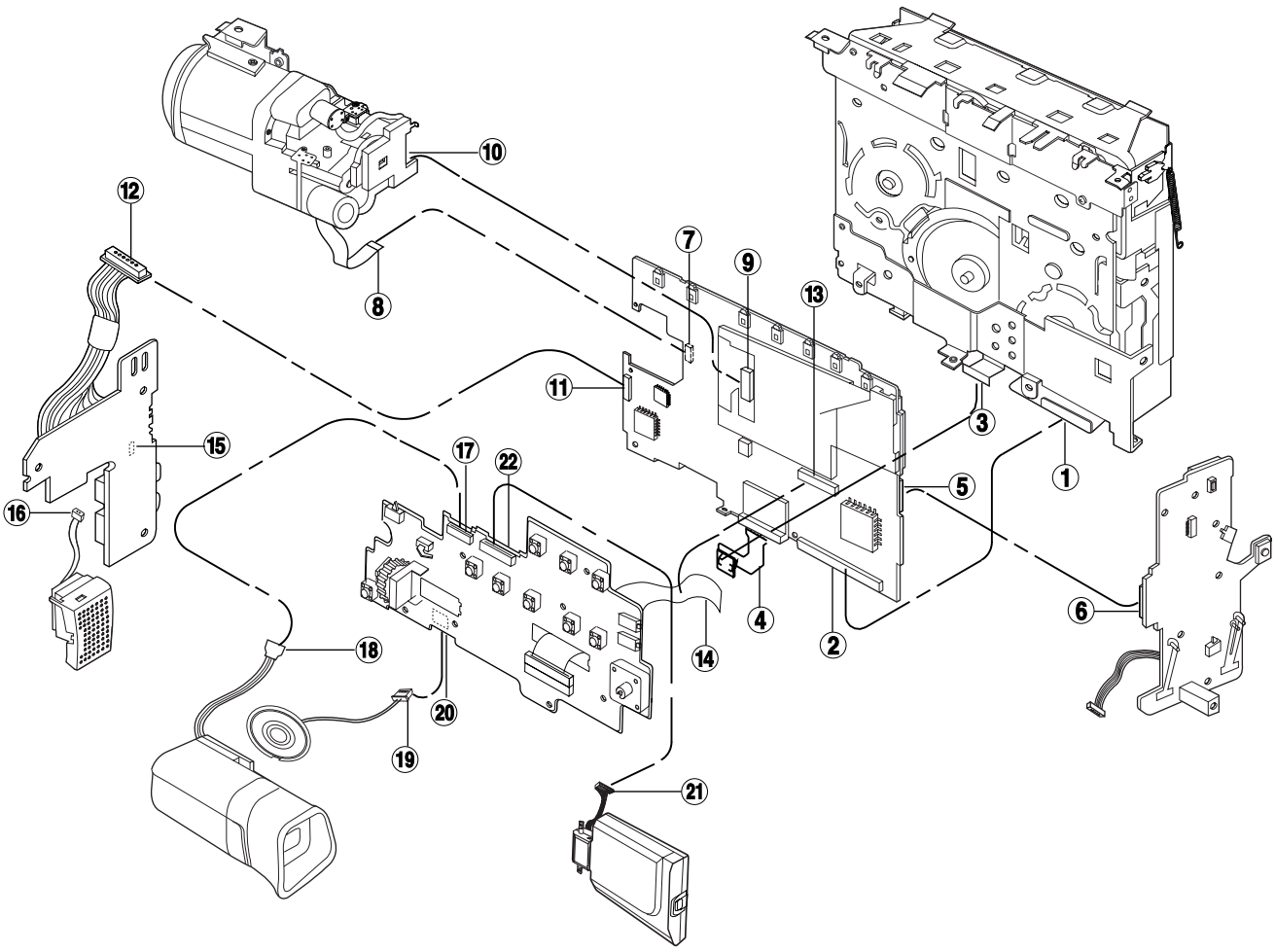


Fig. 3-11 Circuit Boards Location

3-3. Connector Diagram



NO.	CONNECTOR	DIRECTION	CONNECTOR	NO.
①	DECK FPC	DECK ⟷ MAIN PCB	CN501	②
③	DRUM HEAD FPC	DECK ⟷ MAIN PCB	CN52	④
⑤	CN601	MAIN PCB ⟷ REAR PCB	CN451	⑥
⑦	CNP02	MAIN PCB ⟷ ASS'Y LENS PCB	LENS FPC	⑧
⑨	CNP01	MAIN PCB ⟷ CCD PCB	CNC01	⑩
⑪	CN701	MAIN PCB ⟷ FRONT PCB	CN801	⑫
⑬	CN602	MAIN PCB ⟷ FUNCTION PCB	CN471	⑭
⑮	CN802	FRONT PCB ⟷ ASS'Y MIC	MIC CONNECTOR	⑯
⑰	CN473	FUNCTION PCB ⟷ ASS'Y EVF	EVF FPC	⑱
⑲	SPEAKER CONNECTOR	SPEAKER ASS'Y ⟷ FUNCTION PCB	CN475	⑳
㉑	LCD CONNECTOR	LCD ASS'Y ⟷ FUNCTION PCB	CN474	㉒

Fig. 3-12 Connector Diagrams

4. Alignment and Adjustment

4-1. Mechanism Alignment

- Refer to mechanical manual “DE-6 (AD68-30200A)”for the adjustment and checks of mechanism section.
- The location of test point (See Fig.1)

Test Point:
PB RF - Pin 11 of CN452
Head Switching Trigger - Pin 9 of CN452

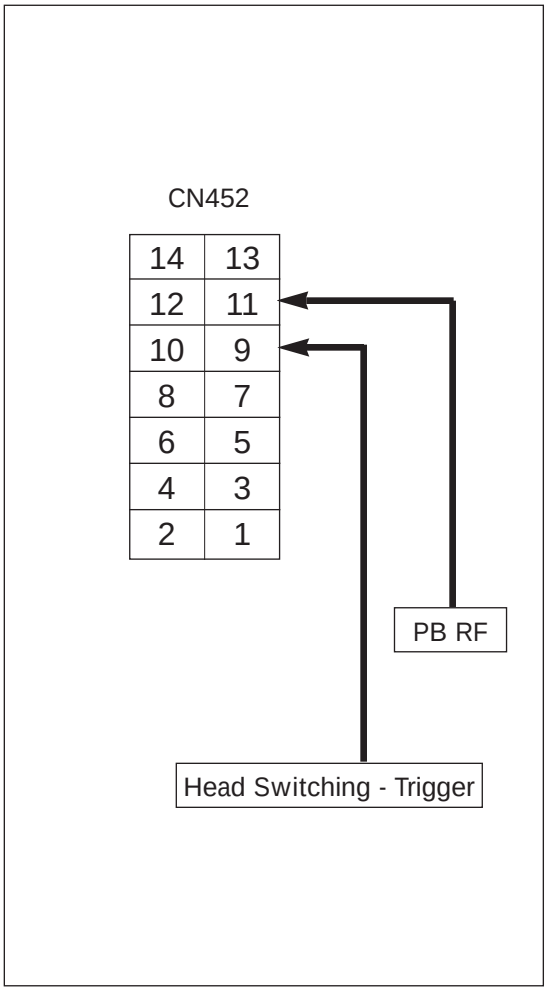


Fig. 1 Test point

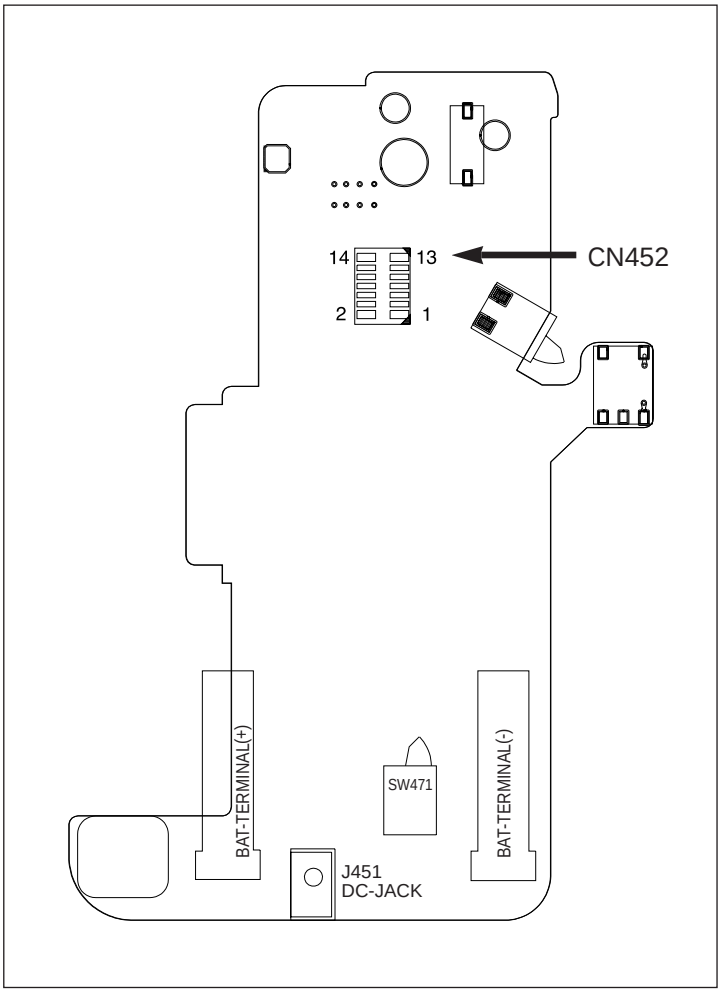
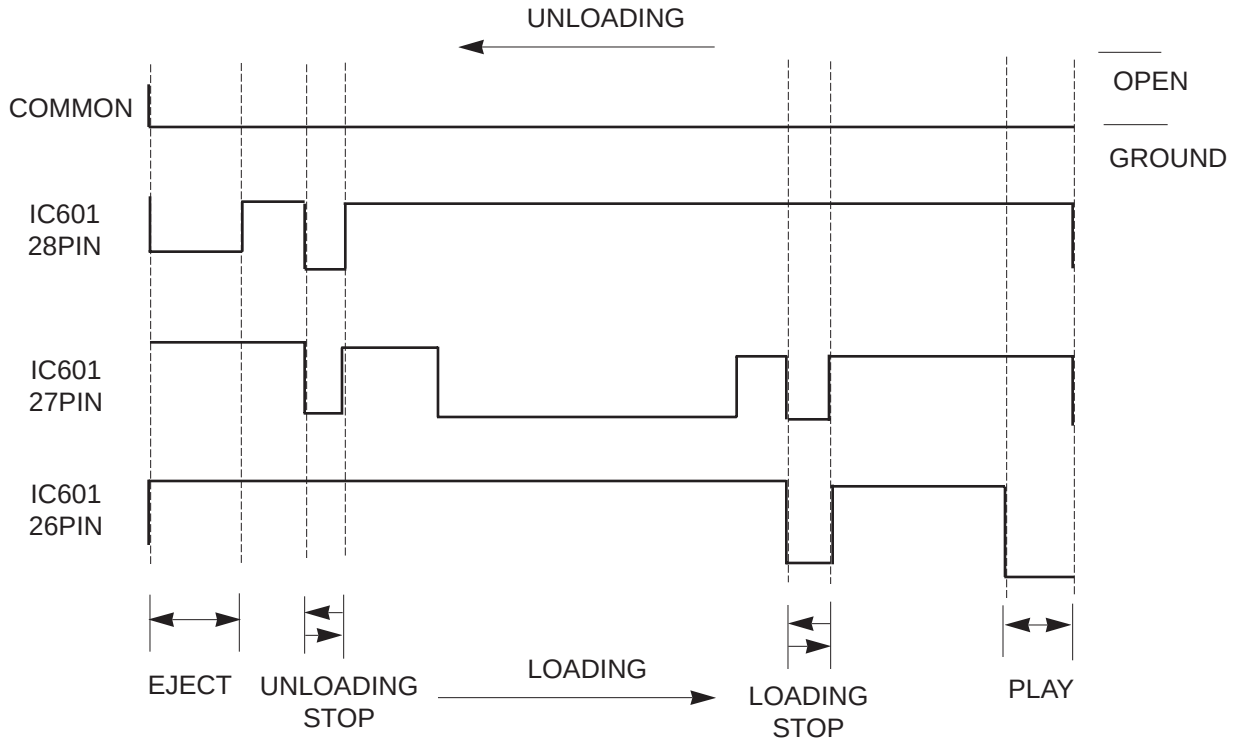


Fig. 2 Test location of test point (Rear Board)



POSITION	IC601 28PIN	IC601 27PIN	IC601 26PIN	ACTION MODE
EJECT	L	H	H	EJECT
UNLOADING STOP	L	L	H	UNLOADING STOP
LOADING STOP	H	L	L	LOADING STOP
PB	H	H	L	PLAY, FF, REW, STILL....

4-2. Camera Section Adjustment

Note :

1. This system has :

   1) EEPROM to store the confirmed adjustment data.
   2) DSP (Digital Signal Process ; ICP01 - Main board) chip to process the signal of camera parts.
   3) One test point for the frequency adjustment of DSP main clock (P. CLK).
   4) The special mode for camera adjustment using the function keys on the left case.

2. Keep in mind :

   1) All adjustment steps should performed using the function keys on the left case.

4-2-1 Preparations

1. Equipment to be used :

1) DC Power supply
2) Oscilloscope
3) Frequency counter
4) Vectorscope
5) Waveform monitor
6) Color monitor or TV
7) Various charts
   - Color bar chart
   - Gray-scale chart, etc...

2. Composition of camera P.C.Boards :

1) Main PCB 2) CCD PCB
3) CVF PCB 4) EVF PCB 5) LCD PCB

3. Adjustment preparations :

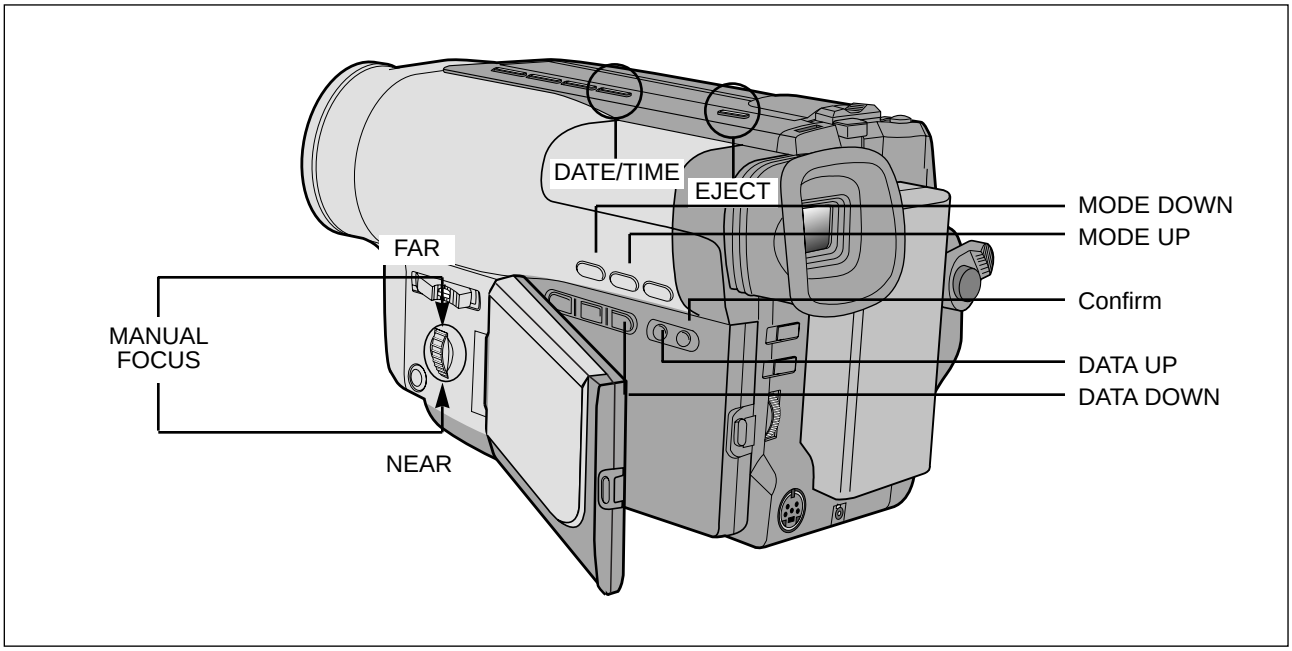
1) The function keys on the left case is used as a camera adjust tool.
2) Press the confirm button when each manual adjustment step is completed to write the adjustment data to the EEPROM.
3) After each adjustment step is completed, OSD shows “OK!”.
4) To cancel the adjustment mode, remove the power source.

4. The Function keys on the left case :

The following is a chart explaining the use of each button :

Using Button	Adjustment
PROGRAM AE (CONFIRM)	Data store after finishing adjustment by DATA UP/DOWN button.
TITLE (DATA DOWN) DSE (DATA UP)	When change data value of adjust state.
FADE (MODE UP) BLC (MODE DOWN)	Mode change.
MANUAL FOCUS RING (NEAR/FAR)	Manual focus adjustment.
ZOOM TELE ZOOM WIDE	1) Move the zoom position of lens. 2) Semi-Auto lens adjustment.

The function keys left case is required to adjust the camera section.



Note : In service adjustment mode, button names are different from those in customer camera function control mode. EX) PROGRAM AE button is the same as confirm.

5. How to get into service "**ADJUST**" mode

STEP 1

1. Remove the lithium battery from the camcorder.
2. Connect the power source (battery/ DC cable).
3. Eject the tape if it is in the unit.
4. Set the power switch of the camcorder to "CAMERA" position.
5. Set OSD on state.

STEP 2

1. Press and hold the "EJECT" button and "DATE/TIME" button on the camcorder at the same time for more than 5 seconds. Then unit goes into service mode.

STEP 3

On screen display show "0DF. T.INI XX XX" CAMERA ADJUSTMENT mode has successfully been activated.

Note : When "XX XX" is shown in service adjustment procedures, this indicates variable values.

"CAMERA ADJUST MODE, EEPROM ADDRESS SEQUENCE & DATA OF PAGE 0"

ADDR	OSD-DISPLAY				CONTENT							
0DF	T.INI				TABLE INITIAL							
0CD	HALL				HALL AUTO ADJUST							
0CE	IRIS				IRIS AUTO ADJUST							
0CF	AWB				AWB AUTO ADJUST							
0D0	LENS				LENS AUTO ADJUST(WARNING! DON'T USE WITHOUT AN INFINITE COLLIMATOR)							
0D6	ZVR.C				ZOOM LEVER CENTER DATA CHECKING							
0DB	AGCM				AGC AUTO ADJUST (NORMALLY NO USED)							
0DE	3MLENS				3M LENS AUTO ADJUST AT SERVICE FIELD (DISTANCE: 3M +/- 1Cm)							
	NO-OSD-DISPLAY				DISTANCE							
ADDR	MODEL/DATA				CONTENT							
	NTSC		PAL									
	NOR	HI8	NOR	HI8	OPTION	D6	D5	D4	D3	D2	D1	D0
001	40	50	40	50	CDS-K=1	AGC TARGET	photo/E,ODD	WDR/NO	WDR_AE_O	KEY/RING	CAN/SECREM	ZOOM_STOP
002	00	00	00	00	@IRIS CONTROL-LOW							
003	06	06	06	06	@IRIS CONTROL-HIGH							
004	60	60	60	60	@P.CLK PWM-HIGH							
005	08	08	08	08	@UPD16835 INIT 4th							
006	55	55	55	55	@UPD16835 INIT 6th							
007	33	33	33	33	@UPD16835 INIT 7th							
008	03	03	03	03	@CDS F-REG(f1,f0) CAM : BIT0:f0,BIT1:f1							
009	A0	A0	A0	A0	@CDS F-REG(f9,f2) CAM ;PGA GAIN -HIGH(0.00dB~ 30.0dB)							
00A	60	60	60	60	changeb by AUTO HALL ADJ (0CD) ;HALL REFERENCE							
00B	3A	3A	3A	3A	changeb by AUTO HALL ADJ (0CD) ;HALL GAIN							
00C	87	87	87	87	@CDS E-R(e1,e0),J-R(j0),M-R;D0:e0,D1:e1,D2:j0(CAM),D4:e0,D5:e1,D6:j0(VCR),D7:cds-rev='1'							
00D	80	7B	77	77	@CDS F-REG(f9,f2) VCR ;PGA GAIN -HIGH(0.00dB~ 10.0dB)							
00E	00	00	00	00	@WDR REGISTER[7,0] *AEINSEL=D7,AELPFSEL=D6,X[5:0]							
00F	80	80	80	80	@WDR REGISTER[15,8] *AECLIP_TH[7:0]							
010	00	00	00	00	@WDR REGISTER[23,16] *AEL_TH[7:0]							
011	FF	FF	FF	FF	@WDR REGISTER[31,24] *AEH_TH[7:0]							
012	76	76	8B	8B	@WDR REGISTER[39,32] *AEW2VE[7:0]							
013	24	24	24	24	@WDR REGISTER[47,40] *AEW2VS[7:0]							
014	F1	F1	ED	ED	@WDR REGISTER[55,48] *AEW2HE[7:0]							
015	13	13	07	07	@WDR REGISTER[63,56] *AEW2HS[7:0]							
016	6E	6E	81	81	@WDR REGISTER[71,64] *AEW1VE[7:0]							
017	20	20	26	26	@WDR REGISTER[79,72] *AEW1VS[7:0]							
018	C1	C1	B4	B4	@WDR REGISTER[87,80] *AEW1HE[7:0]							
019	43	43	32	32	@WDR REGISTER[95,88] *AEW1HS[7:0]							
01A	30	30	30	30	@WDR REGISTER[103,96] *ALPF_THP[7:0]							
01B	7F	7F	7F	7F	@WDR REGISTER[111,104] *HLOG_ON[7],SAT_ON[6],ALPF_WTSTF[5:3],SHPF_SFT[2:0]							
01C	80	80	80	80	@WDR REGISTER[119,112] *BOUND256[7:0]							
01D	80	80	80	80	@WDR REGISTER[127,120] *BOUND128[7:0]							
01E	80	80	80	80	@WDR REGISTER[135,128] *BOUND64[7:0]							
01F	80	80	80	80	@WDR REGISTER[143,136] *BOUND32[7:0]							

	NO-OSD-DISPLAY				DISTANCE							
ADDR	MODEL/DATA				CONTENT							
	NTSC		PAL									
	NOR	HI8	NOR	HI8	OPTION	D6	D5	D4	D3	D2	D1	D0
020	60	60	60	60	@WDR REGISTER[151,144] *BOUND0[7:0]							
021	3F	3F	3F	3F	@WDR REGISTER[159,152] *LTIC[3:0],CH_SEL[3:0]							
022	C7	C7	C7	C7	@WDR REGISTER[167,160] *LTI_ON[7],LSI_ON[6],LUT_TAB[5:3],LUT_HPF_SFT[2:0]							
023	1E	1A	1E	1A	@WDR REGISTER[175,168] *LUT_GAIN[7:0]							
024	04	04	04	04	@WDR REGISTER[183,176] *BACK_WT[7:4],HIST_WT[3:0]							
025	30	30	30	30	@WDR REGISTER[191,184] *EDGE_AMP[7:4],BACK_SP[3:0]							
026	D0	D0	D0	D0	@WDR REGISTER[199,192] *LP_V[7:0] ACTIVE AREA VERTICAL LENGTH							
027	24	24	24	24	@WDR REGISTER[207,200] *SP_V[7:0] ACTIVE AREA VERTICAL START							
028	B0	B0	B0	B0	@WDR REGISTER[215,208] *LP_H[7:0] ACTIVE AREA HORIZENTAL LENGTH							
029	30	30	30	30	@WDR REGISTER[223,216] *SP_H[7:0] ACTIVE AREA HORIZENTAL START							
02A	00	00	00	00	@WDR REGISTER[231,224] *POFFSET[7:0]							
02B	00	00	00	00	@WDR REGISTER[239,232] *CMP_ADJ[7:4],SP_ADJ[3:0]							
02C	57	57	57	57	@WDR REGISTER[247,240] *CLPEN[7],SORSL[6],V1_EXIST[5],GR_MODE[4:3],GRB_MODE[2:0]							
02D	01	01	01	01	@WDR REGISTER[255,248] *OUT_MODE[7:5],DLY_MODE[4:0]							
02E	50	50	50	50	@WDR ON BLACK BALANCE MAX-DATA (MIN DATA+31)							
02F	04	04	08	08	@WDR ON Y,C GAMMA 1							
030	07	07	0D	0D	@WDR ON Y,C GAMMA 2							
031	15	15	1B	1B	@WDR ON Y,C GAMMA 3							
032	2C	2C	32	32	@WDR ON Y,C GAMMA 4							
033	4D	4D	57	57	@WDR ON Y,C GAMMA 5							
034	70	70	82	82	@WDR ON Y,C GAMMA 6							
035	B4	B4	C0	C0	@WDR ON Y,C GAMMA 7							
036	F8	F8	F0	F0	@WDR ON Y,C GAMMA 8							
037	99	99	99	99	@WDR ON ADDR#12C ;YVBKT,YVBK,HBLK,YHBK							
038	03	08	03	08	@WDR ON ADDR#123;YHPSC,YAPC							
039	E0	E0	E0	E0	@WDR ON ADDR#126;YLPFSEL							
03A	10	10	10	10	@WDR ON ADDR#134;RED DARK SLICE							
03B	F8	F8	F8	F8	@WDR ON ADDR#135;BLUE DARK SLICE							
03C	00	00	00	00	@WDR ON ADDR#136;GREEN DARK SLICE							
03D	D0	D0	D0	D0	@WDR ON, AE A-READ(SMALL)DATA CUTTING -HIGH							
03E	01	01	01	01	@WDR ON, AE A-READ(SMALL)DATA CUTTING -LOW							
03F	80	80	80	80	@WDR ON, AE DATA CUTTING -LOW							
040	02	02	02	02	@WDR ON, AE DATA CUTTING -HIGH							
041	D0	D0	D0	E0	@AE TARGET-LOW BYTE							
042	00	00	00	00	@AE TARGET-HIGH BYTE							
043	48	48	48	48	@AETAR L (FLEX-ZONE)							
044	00	00	00	00	@AETAR H (FLEX-ZONE)							
045	00	00	00	00	@BLC/WDR , AE TARTGET 'L'							
046	02	02	02	02	@BLC /WDR, AE TARTGET 'H'							
047	00	00	00	00	@SAND&SNOW MODE AE TARGET 'L'							
048	02	02	02	02	@SAND&SNOW MODE AE TARGET 'H'							

	NO-OSD-DISPLAY				DISTANCE							
ADDR	MODEL/DATA				CONTENT							
	NTSC		PAL									
	NOR	HI8	NOR	HI8	OPTION	D6	D5	D4	D3	D2	D1	D0
049	50	50	50	50	@NEGA BLC TARGET-'L'							
04A	00	00	00	00	@NEGA BLC TARGET-'H'							
04B	5E	5E	5E	5E	@SPOTLIGHT AE-TARGET 'L'							
04C	00	00	00	00	@SPOTLIGHT AE-TARGET 'H'							
04D	B0	B0	B0	B0	WDR AE TARGET -LOW							
04E	00	00	00	00	WDR AE TARGET-HIGH							
04F	04	04	04	04	@AE A-WINDOW WEIGHT VALUE '05'=50%							
050	E0	E0	E0	E0	SHUTTER START POINT OF IRIS CONTROL PERCENT(FF=100% IRIS MAX)							
051	50	30	50	50	AGC TARGET DOWN VALUE AT 001H D6='1' OPTION							
052	00	00	00	00	AGC MAX, DARK SLICE-B CONTROL							
053	90	90	90	90	@DIGITAL CLAMP CONTROL START AGC							
054	A0	A0	A0	A0	@ CHROMA SUPPRESS PERCENT							
055	48	48	48	48	@ CHROMA SUPPRESS START AGC VALUE							
056	48	48	48	48	@ NOISE SLICE START AGC VALUE							
057	10	0B	10	15	@ Y_H_POSI_GAIN(DSP #121 D4:D0) MIN AT AGC MAX (MAX=1F)							
058	18	0B	00	18	@ Y_V_POSI_GAIN(DSP #122 D4:D0) MIN AT AGC MAX (MAX=1F)							
059	30	18	3F	18	@ NOISE SLICE(DSP #123 D5:D0) MIN AT AGC MAX (MAX=3F)							
05A	08	00	0C	00	@AGC MAX, DIGITAL CLAMP CONTROL(ADDR,#118-#05A)							
05B	05	00	00	15	@ Y_H_NEGATIVE_GAIN(DSP #12C D7:D3) MIN AT AGC MAX (MAX=1F)							
05C	08	00	00	16	@ Y_V_NEGATIVE_GAIN(DSP #12D D7:D3) MIN AT AGC MAX (MAX=1F)							
05D	25	25	25	25	@ Y_H_NEGATIVE_GAIN(DSP #12C D7:D3) MIN AT AGC MAX (MAX=1F)							
05E	40	40	40	40	* AE SPOTLIGHT MODE CONTROL SPEED DOWN RANGE							
05F	04	04	04	04	* AE AUTO MODE CONTROL SPEED DOWN REFERENCE							
060	24	24	24	24	* AE OFFSET BORDER							
061	0C	0C	0C	0C	* AE SPPED OFFSET COUNTER							
062	50	47	60	53	*AWB;	@R-GAIN POSITIVE OUTDOOR						
063	4A	45	50	50	*AWB;	@R-GAIN NEGATIVE OUTDOOR						
064	28	19	2C	1F	*AWB;	@R-HUE POSITIVE OUTDOOR						
065	35	30	3B	28	*AWB;	@R-HUE NEGATIVE OUTDOOR						
066	31	2D	39	33	*AWB;	@B-GAIN POSITIVE OUTDOOR						
067	2C	22	30	29	*AWB;	@B-GAIN NEGATIVE OUTDOOR						
068	26	1E	1A	26	*AWB;	@B-HUE POSITIVE OUTDOOR						
069	1C	11	20	0E	*AWB;	@B-HUE NEGATIVE OUTDOOR						
06A	C0	C0	C0	C0	@WB AGC% , STOP POINT (80=50%, C0=75%)							
06B	B4	B4	B4	B4	WB;AT OUTDOOR, INDOOR DATA INPUT CONDITION TRACKING VALUE ,B4=70%,FF=0%(NO TRACKING)							
06C	02	02	02	02	WB;Y AREA SELECTION NUMBER							
06D	05	05	05	05	WB;AWB RATIO 1/3 CENTER TRACKING							
06E	03	03	03	03	AWB RATIO HIGH , CENTER AXIAL OF OVER 5100K COLOR TEMPERATURE							
06F	04	04	04	04	AWB RATIO LOW ,CENTER AXIAL OF BELOW 3100K COLOR TEMPERATURE							
070	00	03	01	03	W/B R-CTRL COMPENSATION (D7='1' ;DECREASE ,'0'= INCREASE FROM W/B TARGET)							
071	82	82	80	83	W/B R-CTRL COMPENSATION (D7='1' ;DECREASE ,'0'= INCREASE FROM W/B TARGET)							

	NO-OSD-DISPLAY				DISTANCE							
ADDR	MODEL/DATA				CONTENT							
	NTSC		PAL									
	NOR	HI8	NOR	HI8	OPTION	D6	D5	D4	D3	D2	D1	D0
072	80	8A	80	8A	OUTDOOR DECISION BY HALL VALUE							
073	70	60	70	60	AWB;AWB TRACKING HALL2(WB TRACKING AVAILABLE BETWEEN #072~#072-#073)							
074	04	07	06	04	W/B TRACKING AREA SELECT							
075	0C	0C	0C	0C	WB STABLE MODE THRESHOLD							
076	10	10	10	10	|---- AWB CUTTING THRESHOLD1					Y LEVEL INTERVAL		----|
077	10	10	10	10	|---- AWB CUTTING THRESHOLD2					TOP LEVEL INTERVAL		----|
078	40	40	40	40	|---- AWB CUTTING THRESHOLD3					R CONTROL LOW MARGIN		----|
079	40	40	40	40	|---- AWB CUTTING THRESHOLD4					DATA CUT LOW		----|
07A	00	00	00	00	|---- AWB CUTTING THRESHOLD1					DATA CUT HIGH		----|
07B	60	6A	60	6A	* AWB HALL STOP AT SPOLTLIGHT MODE							
07C	80	8A	80	8A	* AWB HALL AT EIS MODE							
07D	F0	F0	F0	F0	* AWB HALL STOP AT SPORTS/PORTRAIT/SAND&SNOW/HSS MODE							
07E	F4	F4	F4	F4	@D/ZOOM RATIO MAX DATA(80:2 TIMES, CO:4 TIMES, F4:20 TIMES)							
07F	17	17	1B	1B	ZOOM MAX SPEED ;22X LENS PAL:1BH ,NTSC:17H)							
080	07	07	09	09	REMCON ZOOM SPEED X22 PAL:09 NTSC:07)							
081	0A	00	09	F8	@CCD H-PIXEL NUMBER -LOW BYTE							
082	02	03	02	02	@CCD H-PIXEL NUMBER -HIGH BYTE							
083	F7	F7	23	23	@CCD V LINE NUMBER -LOW BYTE 1/2							
084	00	00	01	01	@CCD V LINE NUMBER -HIGH BYTE 1/2							
085	09	09	0C	0C	@V SKIP LINE NUMBER							
086	00	11	00	00	DIS;VMX,VMY MAX-#086 (11:NTSC HI-8, 00:ETC)							
087	00	00	00	00	@CCD V LINE NUMBER HIGH BYTE							
088	1D	1D	1D	1D	@DSP IC ADDR #39H ;MOSAIC SIZE					:VTR		
089	98	98	98	98	@DSP IC ADDR #41H ;ART DSE LEVEL					:VTR		
08A	B8	B8	B8	B8	@DSP IC ADDR #1CH ;NEGA MODE WHITE CLIP LEVEL					:VTR		
08B	75	75	75	75	@SEPIA CDS-R							
08C	3A	3A	3A	3A	@SEPIA CDS-G							
08D	10	10	11	11	@CINEMA F-ZONE LIMIT UP							
08E	68	68	7D	7D	@CINEMA F-ZONE LIMIT UP							
08F	01	01	01	01	@DSP IC ADDR #00H ;EMODE,CINEMA					:VTR		
090	88	88	88	88	@DSP IC ADDR #07H ;ADCLDEL. DSCKDEL,FWCKDLY					:VTR		
091	2E	2E	1B	1B	@DSP IC ADDR #08H ;HCNTSET					:VTR		
092	00	00	00	00	@DSP IC ADDR #0AH ;DCKSEL,VCNTSET					:VTR		
093	4A	4C	4B	4A	@DSP IC ADDR #10H ;C-SYNC					:VTR		
094	CE	CE	DB	D8	@DSP IC ADDR #14H ;EUSC(B-Y) BURST					:VTR		
095	00	00	24	28	@DSP IC ADDR #15H ;EVSC(R-Y)BURST					:VTR		
096	77	77	77	77	@DSP IC ADDR #20H ;YVBTH,YVBKG,YHBKTH,YHBKG					:VTR		
097	B8	B8	B8	B8	@DSP IC ADDR #28H ;VCR_ADJ,WHITE LEVEL					:VTR		
098	7F	7F	7F	7F	@DSP IC ADDR #47H ;CRYGP					:VTR		
099	7F	7F	7F	7F	@DSP IC ADDR #48H ;CRYGN					:VTR		
09A	7F	7F	7F	7F	@DSP IC ADDR #4BH ;CRYGP					:VTR		

	NO-OSD-DISPLAY				DISTANCE							
ADDR	MODEL/DATA				CONTENT							
	NTSC		PAL									
	NOR	HI8	NOR	HI8	OPTION	D6	D5	D4	D3	D2	D1	D0
09B	7F	7F	7F	7F	@DSP IC ADDR #4CH ;CRYGN :VTR							
09C	80	80	80	80	@DSP IC ADDR #4FH ;C-GAIN VCR-PLAY MODE :VTR							
09D	80	80	80	80	@DSP IC ADDR #4FH ;C-GAIN at color bar generation :VTR							
09E	00	00	00	00	@DSP IC ADDR #13H ;VTR MOD EYDEL,UV-CTL,EBURST_H :VTR							
09F	50	50	50	50	@DSP IC ADDR #32H ;VTR MODE EMBOO/PASTEL Y-LEVEL :VTR							
0A0	00	00	1E	1E	@DSP IC ADDR #1DAH ;RPS MODE HEAD SWITCHING POINT :VTR							
0A1	0A	0A	0A	0A	@DSP IC ADDR #121,122[D4:D0],12C,12D[D7:D3];H,V POSI/NEGA GAIN :VTR							
0A2	05	05	7B	05	@DSP IC ADDR #10A, RFSΩ√ CONTROL :VTR							
0A3	0B	0B	0B	0B	@DSP IC ADDR #18FH ;RPS/FPS MODE :VTR							
0A4	E0	E0	E1	E1	@DSP IC ADDR #1DEH ;RPS/FPS MODE :VTR							
0A5	47	47	47	47	@DSP IC ADDR #1F0H ;RPS/FPS MODE :VTR							
0A6	FC	FC	FC	FC	changed by AUTO LENS ADJ(0D0, 0DE)	@FOCUS TELE MARGIN LOW BYTE(CANON X22 LENS)						
0A7	FF	FF	FF	FF	changed by AUTO LENS ADJ(0D0, 0DE)	@FOCUS TELE MARGIN HIGH BYTE(CANON X22 LENS)						
0A8	05	05	05	05	changed by AUTO LENS ADJ(0D0, 0DE)	@FOCUS WIDE MARGIN LOW BYTE(CANON X22 LENS)						
0A9	00	00	00	00	changed by AUTO LENS ADJ(0D0, 0DE)	@FOCUS WIDE MARGIN HIGH BYTE(CANON X22 LENS)						
0AA	BD	BD	BD	BD	changed by AUTO LENS ADJ(0D0, 0DE)	@FOCUS RESET LOW(16X,22X LENS)						
0AB	81	81	81	81	changed by AUTO LENS ADJ(0D0, 0DE)	@FOCUS RESET HIGH(16X,22X LENS)						
0AC	26	26	26	26	changed by AUTO LENS ADJ(0D0, 0DE)	@ZOOM RESET LOW(16X, 22X LENS)						
0AD	87	87	87	87	changed by AUTO LENS ADJ(0D0, 0DE)	@ZOOM RESET HIGH(16X, 22X LENS)						
0AE	07	07	07	07	@LENS CHECK WIDE 1 END DIFFERENCE							
0AF	0E	0E	0E	0E	@LENS CHECK WIDE 2 DIFFERENCE							
0B0	0E	0E	0E	0E	@LENS CHECK MIDDEL 1 DIFFERENCE							
0B1	20	20	20	20	@LENS CHECK MIDDLE 2 DIFFERENCE							
0B2	30	30	30	30	@LENS CHECK TELE 1 DIFFERENCE							
0B3	40	40	40	40	@HALL CLOSE TARGET							
0B4	65	65	65	65	@IRIS CONTROL AT ADJUSTMENT ;UPPER 8 BIT							
0B5	B0	B0	B0	B0	changed by AUTO IRIS ADJ(0CE)	@IRIS CONTROL MIN LOW BYTE						
0B6	09	09	09	09	changed by AUTO IRIS ADJ(0CE)	@IRIS CONTROL MIN HIGH BYTE						
0B7	80	80	80	80	changed by ZOOM VR CENTER (0D6)	@ZOOM VR CENTER VALUE						
0B8	20	20	20	20	@ZOOM VR CENTER MARGEIN							
0B9	60	5B	58	68	@0DB; AGC MIN ADJ SHUTTER CONTROL VALUE (UPPER BIT='0'FIX)							
0BA	01	08	2B	2A	@0DB; AGC MAX ADJ SHUTTER CONTROL VALUE (UPPER BIT='1'FIX)							
0BB	A0	A0	68	68	AGC ADJ. SHUTTER CONTROL VALUE FOR FIND FIRST TARGET							
0BC	30	34	30	34	changed by AUTO AGC ADJ(0DB)	@AGC MIN						
0BD	A8	A8	A8	A8	changed by AUTO AGC ADJ(0DB)	@AGC MAX						
0BE	89	89	89	89	@HALL WIDTH							
0BF	3A	3A	3A	3A	@HALL REF. START							
0C0	4C	4C	4C	4C	@HALL GAIN. START							
0C1	40	40	40	40	changed by AUTO HALL ADJ(0CD)	@HALL MIN						
0C2	C0	C0	C0	C0	changed by AUTO HALL ADJ(0CD)	@HALL MAX						
0C3	94	94	94	94	@FOCUS LOW							

	NO-OSD-DISPLAY				DISTANCE							
ADDR	MODEL/DATA				CONTENT							
	NTSC		PAL									
	NOR	HI8	NOR	HI8	OPTION	D6	D5	D4	D3	D2	D1	D0
0C4	83	83	83	83	@FOCUS HIGH							
0C5	FD	FD	FD	FD	@ZOOM LOW							
0C6	87	87	87	87	@ZOOM HIGH							
0C7	00	00	00	00	changed by AUTO IRIS ADJ(0CE)			@ IRIS CONTROL MAX LOW BYTE				
0C8	05	05	05	05	changed by AUTO IRIS ADJ(0CE)			@ IRIS CONTROL MAX HIGH BYTE				
0C9	32	3B	3F	31	changed by AUTO WB ADJ(0CF)			R-COLTROL 3100K :INDOOR				
0CA	9B	87	93	A0	changed by AUTO WB ADJ(0CF)			B-COLTROL 3100K :INDOOR				
0CB	60	6B	71	5F	changed by AUTO WB ADJ(0CF)			R-COLTROL 5100K : OUTDOOR				
0CC	5A	58	55	5A	changed by AUTO WB ADJ(0CF)			B-COLTROL 5100K : OUTDOOR				
0CD	FF	FF	FF	FF	@@HALL AUTO ADJUST							
0CE	FF	FF	FF	FF	@@IRIS AUTO							
0CF	FF	FF	FF	FF	@@W/B AUTO							
0D0	FF	FF	FF	FF	@@LENS AUTO							
0D1	FF	FF	FF	FF								
0D2	FF	FF	FF	FF	@@ AGC CHECK PAL:68H,NTSC:80H							
0D3	FF	FF	FF	FF	@@LENS CHECK							
0D4	FF	FF	FF	FF	@ WIDE END ZOOM POSITION & ONE AF MODE							
0D5	FF	FF	FF	FF	@@GYRO SENSOR CHK2							
0D6	FF	FF	FF	FF	@@ZOOM VR CENTER ADJT							
0D7	01	01	01	01	@@ZOOM/FOCUS CHK=ONE AF ENABLE BIT 00~03							
0D8	FF	FF	FF	FF								
0D9	FF	FF	FF	FF	@@COLOR ADJUST							
0DA	FF	FF	FF	FF	@@SETUP AUTO							
0DB	FF	FF	FF	FF	@AGC AUTO							
0DC	FF	FF	FF	FF	@LENS ZOOMTRACK CHECK							
0DD	FF	FF	FF	FF								
0DE	FF	FF	FF	FF	@LENS 3M ZOOMTRACK ADJ. = SERVICE MODE							
0DF	A0	A0	A0	A0	@EEPROM -TABLE -INITIAL ('99'+CONFIRM =EXCEPT(#0E0~0FF), 'AA'=ALL DATA INITIAL)							
0E0	3B	7F	33	77	V.LIGHT	XDR	DIS	PIP	CVF/EVF	HI8	PBDSE	S/SHOT
@MODEL DATA : FIXED BY MODEL												
0E1	C4	C4	C4	C4	--------VCR DATA[1] @SPECIAL MODEL-DATA							
0E2	85	85	85	85	--------VCR DATA[2] @HD SW PULSE							
0E3	8B	8B	8B	8B	--------VCR DATA[3] COLOR BAR PATTERN GENERATION Y LEVEL							
0E4	BB	BC	B6	BC	--------VCR DATA[4] @Y-EMPHASIS(NOR)							
0E5	94	70	9B	70	--------VCR DATA[5] @PB Y LEVEL(NOR)							
0E6	BF	CE	BF	CE	--------VCR DATA[6] @Y-EMPHASIS(HI8)							
0E7	60	60	60	60	--------VCR DATA[7] @PB Y LEVEL(HI8)							
0E8	80	80	80	80	--------VCR DATA[8] *.@DSP IC ADDR #29H ;YGAIN VCR-PLAY MODE							
0E9	7F	7F	87	7F	--------VCR DATA[9] @Y FM CARRIER(NOR)							
0EA	83	83	81	81	--------VCR DATA[10] @Y FM DEVIATION(NOR)							
0EB	73	73	73	73	--------VCR DATA[11] @Y FM CARRIER(HI8)							

	NO-OSD-DISPLAY				DISTANCE							
ADDR	MODEL/DATA				CONTENT							
	NTSC		PAL									
	NOR	HI8	NOR	HI8	OPTION	D6	D5	D4	D3	D2	D1	D0
0EC	93	93	93	93	--------VCR DATA[12] @Y-FM DEVIATION(HI8)							
0ED	65	65	65	65	--------VCR DATA[13] @BPF ADJ							
0EE	CD	A9	CD	CD	--------VCR DATA[14] @C-EMPHASIS							
0EF	80	80	80	80	--------VCR DATA[15] @WHITE CLIP(NOR)							
0F0	B0	C0	99	D0	--------VCR DATA[16] @REC C LEVEL							
0F1	C9	A8	C9	A8	--------VCR DATA[17] @REC Y FM LEVEL							
0F2	65	85	65	85	--------VCR DATA[18] @PB DELAY ADJUST							
0F3	65	65	65	65	--------VCR DATA[19] @D CLIP(NOR)							
0F4	85	85	85	85	--------VCR DATA[20] @DEL ADJ							
0F5	99	90	99	90	--------VCR DATA[21] @SMEAR CONT							
0F6	D0	D0	D0	D0	--------VCR DATA[22] @MTG(PB)							
0F7	7A	7A	7A	7A	--------VCR DATA[23] @MTFO(NOR)							
0F8	65	60	55	55	--------VCR DATA[24] @WHITE CLIP (HI8)							
0F9	9A	9A	9A	9A	--------VCR DATA[25] @MTFO(HI8)							
0FA	8E	8E	8E	8E	--------VCR DATA[26] @D-CLIP(HI8)							
0FB	00	00	00	00	--------VCR DATA[27] @TITLE LANGUAGE							
0FC	02	02	02	02	--------VCR DATA[28] @CUSTOM - 1 :MODE BACKUP DSE='00', D/Z&EIS='01' ..							
0FD	0C	0C	0C	0C	--------VCR DATA[29] @HEAD SWITCHING POINT(SUB DATA)							
0FE	91	91	91	91	--------VCR DATA[30] @BATTERY END LEVEL							
0FF	FF	FF	FF	FF	--------VCR DATA[31] @ATF REFERENCE							
“CAMERA ADJUST MODE, EEPROM ADDRESS SEQUENCE & DATA OF PAGE 1”												
					CLUSTER 0 (HEADER[3:0] = 4'b0000) TG/SHUTTER							
100	00	00	00	00	EMODE(2:0)='000'internal reset			VSKIP='0'	CINEMA ='0'	NDTEST	DSYNC	JITNSYNC
101	80	80	80	80	ADCK	FWCK	SCK	LALT	HSP	DOSEL	CLP='0'	X
102	C0	C0	C0	C0	SHTR='11' HSS		H2DEL(3:0) 0~15nSEC DELAY ADJUST				PBLK_SEL	HSSC(8)
103	00	00	00	00	|---- HIGH SHUTTER SPEED CONTROL (7:0) ----|							
104	07	0C	07	0C	|---- GHDLY(7:0) -128 ~+ 127 ----|							
105	02	00	00	00	|---- H1DLY[3:0] 0~+15nS ----|				|---- RGDLY[3:0] -8~+7nS ----|			
106	2C	4E	19	68	|---- SHP_DLY[3:0] -8~+7nS				|---- SHD_DLY[3:0] -8~+7nS ----|			
107	40	60	50	60	FLALTSEL	ADCKDLY[2:0] 0~+7nS			DSCKSEL	FWCKDLY[2:0] 0~+7nS		
108	0D	0D	0D	0D	|---- HCNTSET[7:0] '00' PROHIBIT ----|							
109	00	00	00	00	|---- LSSC[7:0] low speed shutter ----|							
10A	00	00	00	00	DCKSEL	|---- VCNTSET[6:0] ----|						
10B	00	00	00	30	CLP1-ADJ(2:0): -2~+2CK CLP1 ADJ			X	X	X	X	X
10C	03	05	05	05	X	X	X	X	PSEUDO	EBFDLY[2:0] BURST FLAG DELAY		
10D	1B	1B	1F	1F	|---- FHCNTSET[7:0]; INTERNAL JITER FREE SYNC SIGNAL DELAY DAJUST(AFTER TBC) ----|							
10E	00	00	00	14	PBLK	X	SHP PULSE WIDTH[2:0]			SHD PULSE WIDTH[2:0]		
10F	00	00	00	00	|---- ONEH_P [3:0] ----|				|---- ONEH_N [3:0] ----|			
					CLUSTER 1 (HEADER[3:0] = 4'b0001) ENCODER/ DEFECT ADJUST							
110	4A	4C	4B	4A	|---- C-SYNC[7:0] c.sync level 0~255 *EEPROM EMPTY ? ----|							
111	00	01	01	03	|---- SETUP[7:0] setup level 0~255 ----|							
112	00	00	00	00	|---- EBURST[7:0] burst phase ADJ:360deg./2047 control :NTSC only ----|							

	NO-OSD-DISPLAY				DISTANCE							
ADDR	MODEL/DATA				CONTENT							
	NTSC		PAL									
	NOR	HI8	NOR	HI8	OPTION	D6	D5	D4	D3	D2	D1	D0
113	00	40	00	20	ROM TEST	E			UV_CTRL	|----	EBURST_H[2:0]	----|
114	CC	C8	D8	D8	|---- EUSC[7:0] -128~+127 of B-Y(U) BURST VALUE							----|
115	00	00	28	28	|---- EVSC[7:0] -128~+127 of R-Y(V) BURST VALUE							----|
116	02	02	02	02	X	EZBRT[1:0];BIGHT OF WINDOW		EZONE	X	A/D-DIRECT	EXTDAC	PD1
117	03	03	03	03	X	X	AD[1:0] AD CLK DLY		D-CLP	S2:GISS COMP.	S1	S0
118	08	00	0D	00	|----- CLAMP_OFFSET[7:0]							----|
119	30	30	30	30	|----- DEFECT_THRESHOLD[7:0] 0~255							----|
11A	00	00	00	00	X	X	X	X	RAM-OUT	|----	RAM-OUT[8:6]	
11B	00	00	00	00	|---- RAM-OUT[5:0]					----|	RAM-OUT[9:8]	
11C	00	00	00	00	|---- RAM-OUT[7:0]							----|
11D	00	00	00	00	X	|---- PFINDCNT[6:0]						----|
11E	0A	0A	0A	0E	DUMMY	W/B;INTERVAL OF AREA(SECTOR) FROM CENTER CENTER						
11F	F0	F0	F0	F0	*DIS;WIGHT WHEN DATA INCREASE							
					CLUSTER 2 (HEADER[3:0] = 4'b0010) LUMINANCE							
120	66	76	66	66	YVBKTH[1:0]		YVBKG[1:0]		YHBKTH[1:0]		YHBKG[1:0]	
121	10	D9	10	D9	Y_H_GAIN[1:0]		X	|---- Y_H_POSI_GAIN[4:0]				----|
122	58	94	58	D8	Y_L_GAIN[1:0]		YOLD-GAMMA	|---- Y_V_POSI_GAIN[4:0]				----|
123	02	02	03	03	X	X	|---- YA_NOISE_SLICE[5:0]					----|
124	B0	A0	B0	C0	|---- YHL_SC[7:0]							----|
125	FF	37	FF	FF	|---- YEDGE_SC[7:0]							----|
126	E0	E0	E0	E0	YVAPPSEL	YEGCS	YHLCS'1'=ON	YLPFSEL[1:0];00,01,10		|----	YSCDLY[2;0]	----|
127	30	0A	30	0A	|---- YHINS[6:0] aperture noise slice level after GAMMA.						----|	YNEGA/POSI
128	D0	DE	D8	E0	|---- YWC[7:0]			*EEPROM EMPTY ?				----|
129	8A	8A	8E	90	|---- YGAIN[7:0] X0~X2							----|
12A	00	00	00	00	X	YENHANTH[2:0]			X	X	YENHANG[1:0]	
12B	00	00	06	00	|---- YART[2:0] ----|		|---- YHI-A-GAIN[4:0]					----|
12C	57	AF	61	AF	|---- HAPGN[4:0]				----|	YHCLIP[3:2]		H_C_SUP[4]
12D	A1	81	B1	C8	|---- VAPGN[4:0]				----|	YHCLIP[1:0]		E_C_SUP[4]
12E	80	88	80	80	H_C_SUPP_GAIN[3:0]high light color suppress slope				F_FALL[3:0] edge color suppress			
12F	58	50	58	50	|---- Y_APERTUTR_CLIP[7:0]							----|
					CLUSTER 3 (HEADER[3:0] = 4'b0011) LUMINANCE & CHROMA							
130	20	20	20	20	YHPEG[1:0]		YVPEG[1:0]		YHEMBSEL[1:0]		YVEMBSEL[1:0]	
131	30	30	30	30	|---- YPST[7:0] pastel level							----|
132	30	30	30	30	|---- YEMB[7:0] embossing level							----|
133	00	00	00	00	X	GYDLY[2:0];LINE-INPUT MODE			YEMBOSS	YPASTEL	YIN-OUT	YWINDOW
134	0A	05	04	09	|---- CRDS[7:0] r-dark-slice							----|
135	FA	FE	07	00	|---- CBDS[7:0] b-dark-slice							
136	FE	00	00	00	|---- CGDS[7:0] g-dark-slice							
137	36	3A	34	31	|---- CRWB[7:0] R-white-balance-control							
138	8F	8F	8C	90	|---- CBWB[7:0] B-white-balance-control							
139	24	24	24	24	|---- CGWB[7:0] G-white-balance-control							

	NO-OSD-DISPLAY				DISTANCE							
ADDR	MODEL/DATA				CONTENT							
	NTSC		PAL									
	NOR	HI8	NOR	HI8	OPTION	D6	D5	D4	D3	D2	D1	D0
13A	07	07	07	07	|---- CSLOPE1[7:0]COLOR_KEY_SLOPE_1;-64~+64							
13B	E6	E6	E6	E6	|---- CSLOPE2[7:0]COLOR_KEY_SLOPE_2;-64~+64							
13C	29	29	29	29	COLOR KEY DEL:0(RED)~4;13A,3B,3C ADDR				CSLOPE1 H[9]	CSLOPE1 H[8]	CSLOPE2 H[9]	CSLOPE2 H[9]
13D	00	00	00	00	X	X	BLUE-SCREEN	CNEGA	CBAR	CMONO	CKEY	CKEY-NEGA
13E	00	00	00	00	DUMMY	X	X	X	CRWB[9:8] #137		CBWB[9:8] #138	
13F	13	13	13	13	DUMMY	WDR; GRMODE(#02D) CONTROL DATA OF WDR OFF						
					CLUSTER 4 (HEADER[3:0] = 4'b0100) CHROMA							
140	37	17	07	17	X	CDEC-INSEL	CHCON(S1/S2)	CVCON(cr/cb)	CYLSEL	CRMS	CBMS	C-GAMMA-SEL
141	42	42	42	42	|---- CRCOEF[7:0] cr-matrix-coefficient ----|							
142	66	66	66	66	|---- CBCOEF[7:0] cr-matrix-coefficient ----|							
143	59	59	59	59	|---- CRRG[7:0] R-G SIGNAL COEFFECIENT FOR R-Y SIGNAL ----|							
144	D9	D9	D9	D9	|---- CBRG[7:0] R-G SIGNAL COEFFECIENT FOR B-Y SIGNAL ----|							
145	F2	F2	F2	F2	|---- CRBG[7:0] B-G SIGNAL COEFFECIENT FOR R-Y SIGNAL ----|							
146	72	72	72	72	|---- CBBG[7:0] B-G SIGNAL COEFFECIENT FOR B-Y SIGNAL ----|							
147	4F	5A	76	6B	|---- CRYGP[7:0] R-Y GAIN CONTROL + ----|							
148	5E	5F	7E	70	|---- CRYGN[7:0] R-Y GAIN CONTROL - ----|							
149	0B	16	1D	15	|---- CRYHP[7:0] R-Y HUE CONTROL + ----|							
14A	20	13	29	0F	|---- CRYHN[7:0] R-Y HUE CONTROL - ----|							
14B	35	36	3E	3D	|---- CBYGP[7:0] B-Y GAIN CONTROL + ----|							
14C	2C	26	35	29	|---- CBYGN[7:0] B-Y GAIN CONTROL - ----|							
14D	2A	2D	3C	40	|---- CBYHP[7:0] B-Y HUE CONTROL + ----|							
14E	18	06	05	01	|---- CBYHN[7:0] B-Y HUE CONTROL - ----|							
14F	80	80	80	80	|---- CGAIN[7:0] x0~ x2 ----|							
					CLUSTER 5 (HEADER[3:0] = 4'b0101) GAMMA							
150	04	04	04	04	|---- YG1[7:0] @Y GAMMA POINT 1 ----|							
151	07	07	08	08	|---- YG2[7:0] @Y GAMMA POINT 2 ----|							
152	15	15	1B	18	|---- YG3[7:0] @Y GAMMA POINT 3 ----|							
153	2C	2C	30	2E	|---- YG4[7:0] @Y GAMMA POINT 4 ----|							
154	4D	4D	4D	4E	|---- YG5[7:0] @Y GAMMA POINT 5 ----|							
155	70	70	78	73	|---- YG6[7:0] @Y GAMMA POINT 6 ----|							
156	AA	B4	B8	AB	|---- YG7[7:0] @Y GAMMA POINT 7 ----|							
157	D8	F8	D0	E0	|---- YG8[7:0] @Y GAMMA POINT 8 ----|							
158	04	04	04	06	|---- CGAMMA1[7:0] @C GAMMA POINT 1 ----|							
159	07	07	0A	0C	|---- CGAMMA2[7:0] @C GAMMA POINT 2 ----|							
15A	18	18	18	1A	|---- CGAMMA3[7:0] @C GAMMA POINT 3 ----|							
15B	30	30	2B	2C	|---- CGAMMA4[7:0] @C GAMMA POINT 4 ----|							
15C	50	50	4C	4C	|---- CGAMMA5[7:0] @C GAMMA POINT 5 ----|							
15D	78	78	78	78	|---- CGAMMA6[7:0] @C GAMMA POINT 6 ----|							
15E	B8	B8	B6	B6	|---- CGAMMA7[7:0] @C GAMMA POINT 7 ----|							
15F	F8	F8	F0	F0	|---- CGAMMA8[7:0] @C GAMMA POINT 8 ----|							
					CLUSTER 6 (HEADER[3:0] = 4'b0110) D.ZOOM & EIS							

	NO-OSD-DISPLAY				DISTANCE							
ADDR	MODEL/DATA				CONTENT							
	NTSC		PAL									
	NOR	HI8	NOR	HI8	OPTION	D6	D5	D4	D3	D2	D1	D0
160	AE	AE	AE	AE	D.ZOOM	ZOOM-BYPASS	D.EFFECT	VADJ[1:0]		HADJ[1:0]		Z_DELAY
161	00	00	00	00	|---- VZOOM[7:0]							----|
162	09	09	0C		|---- VZSKIP[7:0]							----|
163	00	00	00	00	|---- VZOFFE[7:0] EVEN FIELD LINE OFFSET							----|
164	00	00	00	00	|---- VZOFFO[7:0] ODD FIELD LINE OFFSET							----|
165	00	00	00	00	|---- HZOOM[7:0]							----|
166	80	80	80	80	MOSAIC H-ADJ[1:0]		X	X	X	X	X	HZSTR[8]
167	00	00	00	00	|---- HZSTR[7:0]							----|
168	00	00	00	00	|---- HZOFS[7:0]							----|
169	00	00	00	00	|---- MOSAIC[5:0] 4d=8x8,5d=10x10,63d=126x126						----|	MOSAIC V-ADJ[1:0]
16A	02	03	02	02	FEMODE[1:0] 01=F,10=H.M		X	X	X	X	FCM[9:8]	
16B	0A	00	09	F8	|---- FCM[7:0]							----|
16C	01	01	01	01	|---- V-MOSAIC[5:0] VERTICAL MOSAIC SIZE						HMIRROR[9:8]	
16D	05	84	07	7C	|---- HMIRROR[7:0]							----|
16E	00	00	00	00	|---- CBLK-ADJ[3:0]			----|	CCIR-Y	CCIR-C	X	SCKIV
16F	01	01	01	01	DUMMY #16C:MIRROR WHEN EIS ON/OFF '0'=OFF,'1'=ON							
					CLUSTER 7 (HEADER[3:0] = 4'b0111) AF/AE							
170	05	05	06	06	|---- OAFHS-W1 @AF WINDOW 1 H-START POINT;3~252							----|
171	F3	F3	EC	EC	|---- OAFHE-W1 @AF WINDOW 1 H-END POINT;5~254							----|
172	03	03	04	04	|---- OAFVS-W1 @AF WINDOW 1 V-START POINT;3~152							----|
173	76	76	8D	8D	|---- OAFVE-W1 @AF WINDOW 1 V-END POINT;5~154							----|
174	52	52	4D	4D	|---- OAFHS-W2 @AF WINDOW 2 H-START POINT;1~254							----|
175	AC	AC	A8	A8	|---- OAFHE-W2 @AF WINDOW 2 H-END POINT;3~256							----|
176	25	25	29	29	|---- OAFVS-W2 @AF WINDOW 2 V-START POINT;1~154							----|
177	5F	5F	71	71	|---- OAFVE-W2 @AF WINDOW 2 V-END POINT;3~156							----|
178	43	43	37	37	|---- OAEHS-WA @ AE WINDOW A H-START POINT;1~254							----|
179	C1	C1	B8	B8	|---- OAEHE-WA @ AE WINDOW A H-END POINT;3~256							----|
17A	20	20	26	26	|---- OAEVS-WA @ AE WINDOW A V-START POINT;1~155							----|
17B	6E	6E	81	81	|---- OAEVE-WA @ AE WINDOW A V-END POINT;3~156							----|
17C	0A	0A	07	07	|---- OAEHS-WB @ AE WINDOW B H-START POINT;1~254							----|
17D	EE	EE	ED	ED	|---- OAEHE-WB @ AE WINDOW B H-END POINT;3~256							----|
17E	1E	1E	24	24	|---- OAEVS-WB @ AE WINDOW B V-START POINT;1~155							----|
17F	73	73	8B	8B	|---- OAEVE-WB @ AE WINDOW B V-END POINT;3~156							----|
					CLUSTER 8 (HEADER[3:0] = 4'b1000) AWB							
180	0A	0A	0A	07	|---- OAWBHS @ AWB WINDOW H-START POINT;1~254							----|
181	EE	EE	ED	ED	|---- OAWBHE @ AWB WINDOW H-END POINT;3~256							----|
182	1E	1E	24	24	|---- OAWBVS @ AWB WINDOW V-START POINT;1~155							----|
183	73	73	8B	8B	|---- OAWBVE @ AWB WINDOW V-END POINT;1~156							----|
184	FF	FF	FF	FF	|---- OYH-AE @Y-HIGH-THRESHOLD FOR AE;0~255							----|
185	00	00	00	00	|---- OYL-AE @Y-LOW -THRESHOLD FOR AE							----|
186	90	90	90	90	|---- OYH-AWB @Y-HIGH-THRESHOLD FOR AWB							----|

	NO-OSD-DISPLAY				DISTANCE							
ADDR	MODEL/DATA				CONTENT							
	NTSC		PAL									
	NOR	HI8	NOR	HI8	OPTION	D6	D5	D4	D3	D2	D1	D0
187	30	30	30	30	|---- OYL-AWB @Y-LOW -THRESHOLD FOR AWB							----|
188	C0	C0	C0	C0	|---- OAF_CLIP_TH[7:0] THRESHOLD VALUE FOR AF CLIP COUNTER							----|
189	C0	C0	C0	C0	|---- OAE_CLIP_TH[7:0] THRESHOLD VALUE FOR AE CLIP COUNTER							----|
18A	02	02	02	02	OVAF	OLPFSEL	OFILPASS	OYISEL	OAWBSEL	|----	OZNSEL[2:0]	----|
18B	00	00	00	00	X	X	X	X	ODMTST	OAWBC SEL	ORBSEL	OAWB AREA
18C	00	00	00	00	GAP_SEL [2:0]			|----	GAP_TH [4:0]			----|
18D	00	00	00	00	Q1_H [3:0] AUTO FILTER SPEED CONTROL				Q1_L [3:0] AUTO FILTER SPEED CONTROL			
18E	00	00	00	00	Q2_H [3:0] FILTER INPUT LIMIT				Q2_L [3:0] FILTER INPUT LIMIT			
18F	00	00	00	00	L9_EN1	L9_EN2	L9_EN3	GAP_EN	DOP_EN1	DOP_EN2	DOP_EN3	DOP_EN4
					CLUSTER 9 (HEADER[3:0]=4'b1001 ,AWB							
190	1F	1F	1F	1F	X	X	X	|----	ORYTH[4:0]			----|
191	1F	1F	1F	1F	X	X	X	|----	OBYTH[4:0]			----|
192	30	30	30	30	|---- OAWBSL 1[7:0]; 0~15, R-Y/B-Y CHART SLOPE 1 FOR AWB							----|
193	15	15	15	15	|---- OAWBSL 2[7:0]; 0~15, R-Y/B-Y CHART SLOPE 2 FOR AWB							----|
194	70	70	70	70	|---- OAWBSL 3[7:0]; 0~15, R-Y/B-Y CHART SLOPE 3 FOR AWB							----|
195	60	60	60	60	|---- OAWBSL 4[7:0]; 0~15, R-Y/B-Y CHART SLOPE 4 FOR AWB							----|
196	20	20	20	20	|---- OAWBSL 5[7:0]; 0~15, R-Y/B-Y CHART SLOPE 5 FOR AWB							----|
197	05	05	05	05	|---- OAWBSL 6[7:0]; 0~15, R-Y/B-Y CHART SLOPE 6 FOR AWB							----|
198	34	34	34	34	X	X	|---- OAWB_DETECT_R-Y_POINT A[5:0] ;0~63					----|
199	1C	1C	1C	1C	X	X	|---- OAWB_DETECT_R-Y_POINT B[5:0] ;0~63					----|
19A	18	18	18	18	X	X	|---- OAWB_DETECT_R-Y_POINT C[5:0]; 0~63					----|
19B	28	28	28	28	X	X	|---- OAWB_DETECT_R-Y_POINT D[5:0] ;0~63					----|
19C	18	18	18	18	X	X	|---- OAWB_DETECT_B-Y_POINT A[5:0] ;0~63					----|
19D	28	28	28	28	X	X	|---- OAWB_DETECT_B-Y_POINT B[5:0] ;0~63					----|
19E	1E	1E	1E	1E	X	X	|---- OAWB_DETECT_B-Y_POINT C[5:0]; 0~63					----|
19F	16	16	16	16	X	X	|---- OAWB_DETECT_B-Y_POINT D[5:0] ;0~63					----|
					CLUSTER 10 (HEADER[3:0] = 4'b1010) AF DATA1							
1A0	08	08	08	08	* VCR MODE NOISE SLICE(#123)							----|
1A1	02	02	02	02	* VCR MODE PB LPF(#126)							----|
1A2	10	10	10	10	* VCR MODE RPS/FPS LOCK SPEED(#1D7)							----|
1A3	07	09	07	09	* VCR MODE NORMAL DELAY(#1FC)							----|
1A4	00	00	00	00	* CDS IC A REG AT VCR MODE							----|
1A5	01	02	02	02	D.ZOOM ON, DSP #123 CONTROL DATA							----|
1A6	D9	DB	5E	DB	D.ZOOM ON, DSP #121 CONTROL DATA							----|
1A7	9A	99	5F	D9	D.ZOOM ON, DSP #122 CONTROL DATA							----|
1A8	9F	BF	AF	BF	D.ZOOM ON, DSP #12C CONTROL DATA							----|
1A9	00	00	00	00	* STILLOFFSET AT PB MODE							----|
1AA	80	80	80	80	* D/ZOOM ON START POSITION-LOW BYTE OF WIDE IMAGE COMPENSATION							----|
1AB	87	87	87	87	* D/ZOOM ON START POSITION-HIGH BYTE OF WIDE IMAGE COMPENSATION							----|
1AC	00	00	00	00	* D/ZOOM ON END POSITION-LOW BYTE OF WIDE IMAGE COMPENSATION							
1AD	85	85	85	85	* D/ZOOM ON END POSITION-HIGH BYTE OF WIDE IMAGE COMPENSATION							

	NO-OSD-DISPLAY				DISTANCE							
ADDR	MODEL/DATA				CONTENT							
	NTSC		PAL									
	NOR	HI8	NOR	HI8	OPTION	D6	D5	D4	D3	D2	D1	D0
1AE	1A	1A	1A	1A	* D/ZOOM RATIO OF WIDE IMAGE COMPENSATION							
1AF	12	04	04	04	ADDR. #228 FIELD-'H',EDGE CHROMA SUPP.ON(ADDR.#201 D4='1') ,ADDR.#223 DATA =10 B/B							
					CLUSTER 11 (HEADER[3:0] = 4'b1011) ,AF DATA2							
1B0	04	10	10	10	ADDR.#229 FIELD-'H',EDGE CHROMA SUPP.ON(ADDR.#201 D4='1')							----|
1B1	12	00	00	00	ADDR.#228 FIELD-'L',EDGE CHROMA SUPP.ON(ADDR.#201 D4='1')							----|
1B2	04	14	14	14	ADDR.#229 FIELD-'L',EDGE CHROMA SUPP.ON(ADDR.#201 D4='1')							----|
1B3	80	80	20	80	ADDR.#21B DATA OF FIELD-'H' WHEN PHOTO ON							----|
1B4	80	80	2F	8F	ADDR.#21B DATA OF FIELD-'L' WHEN PHOTO ON							----|
1B5	0A	0A	0B	0B	#VTR PB DSE;MOASIC,MIRROR OF COLOR , RELATED ADDR.:#09E -->#113;D3 bit							----|
1B6	80	80	1F	8C	ADDR. #21B DATA WHNE GHOST ON							----|
1B7	30	30	00	20	D/ZOOM SUB-PIXEL CONTROL(ADDR.#163) FIELD-'H' BY DSP;							----|
1B8	1B	1B	1B	1B	DIS ON XMX,XMY SETTING BY ZOOM POSITION,ADDR.#1B9,#1AE ,at WIDE END #1B8-#1AA=01hex							----|
1B9	29	29	29	29	DIS ON, TELE POSISION D/ZOOM RATIO (29 HEX= X 1.19)							----|
1BA	01	01	01	01	* CCD DEFECT AE WINDOW B HORIZENTAL START VALUE (DSP#17C , DIS#261)							----|
1BB	F4	F6	F2	F2	* CCD DEFECT AE WINDOW B HORIZENTAL END VALUE (DSP#17D , DIS#260)							----|
1BC	02	02	02	02	* CCD DEFECT AE WINDOW B VERTICAL START VALUE (DSP#17E , DIS#25F)							
1BD	77	77	8E	8E	* CCD DEFECT AE WINDOW B VERTICAL END VALUE (DSP#17F , DIS#25E)							
1BE	B1	B1	C1	B1	D.ZOOM ON, DSP #12D CONTROL DATA							
1BF	10	10	10	10	D0 BIT='0' AF1,2 DATA FOR DIS BLOCKING PGM ON,D8 BIT RPS/FPS CVF PLL LOCKING SPPED 1=OLD							
					CLUSTER 12 (HEADER[3:0] = 4'b1100); AWB/AE							
1C0	FC	FC	FB	FA	* FLEXZONE AF1 HORIZENTAL START VALUE (DSP#170 - DIS#261)							
1C1	00	00	00	00	WIDE D.ZOOM X1.1 DECREASE ZOOM POSITION-'L' POINT (00 83)OR(08 80)							----|
1C2	83	83	83	83	WIDE D.ZOOM X1.1 DECREASE ZOOM POSITION-'H' POINT (00 83)OR(08 80)							----|
1C3	50	50	50	50	WIDE D.ZOOM OFF ZOOM POSITION-'L' POINT (50 81)OR(08 80)							----|
1C4	7C	7C	7C	7C	WIDE D.ZOOM OFF ZOOM POSITION-'H' POINT (50 81)OR(08 80).7C=X1.06(0E hex)							----|
1C5	0C	0C	0C	0C	DIS;CONTROL OF AF DATA							----|
1C6	02	02	02	02	DIS;STEP OF AF DATA							----|
1C7	00	30	00	10	W/B ADJ, CENTER COMPENSATION VALUE, INDOOR R,B (EX, E4 ; R -2,B +4)							----|
1C8	F3	53	E4	21	W/B ADJ, CENTER COMPENSATION VALUE, OUT DOOR R,B (EX, E4 ; R -2,B +4)							----|
1C9	69	69	B6	B6	DIS ON, SHUTTER CONTROL VALUE							----|
1CA	30	30	00	1C	D/ZOOM SUB-PIXEL CONTROL(ADDR.#164) FIELD-'H' BY DSP;							----|
1CB	30	30	00	18	D/ZOOM SUB-PIXEL CONTROL(ADDR.#163) FIELD-'L' BY DSP;							----|
1CC	30	30	00	14	D/ZOOM SUB-PIXEL CONTROL(ADDR.#164) FIELD-'L' BY DSP;							----|
1CD	02	02	02	02	@VTR ;VCNT DATA DSP ADDR.#10A FOR FPS							----|
1CE	50	50	50	50	DIS;LIMIT							
1CF	18	18	18	18	DIS; FACTOR OF FREQUENCY							
					CLUSTER 13 (HEADER[3:0] = 4'b1101); DECODER 1							
1D0	00	00	00	00	|----DVAS[7:0]; HORIZENTAL ACTIVE VIDEO START POINT							----|
1D1	00	26	00	00	|----DVAE[7:0]; HORIZENTAL ACTIVE VIDEO END POINT CONTROL							----|
1D2	00	00	00	00	|----VAVS[7:0]; VERTICAL ACTIVE VIDEO START POINT							----|
1D3	00	00	00	00	|----VAVE[7:0]; VERTICAL ACTIVE VIDEO END POINT CONTROL							----|

	NO-OSD-DISPLAY				DISTANCE							
ADDR	MODEL/DATA				CONTENT							
	NTSC		PAL									
	NOR	HI8	NOR	HI8	OPTION	D6	D5	D4	D3	D2	D1	D0
1D4	26	26	15	15	|---- H_SYNC_START_POINT[7:0]; -128~+0127 ----|							
1D5	00	00	00	00	|---- H_SYNC_END_POINT[7:0]; -128~+0127 ----|							
1D6	04	04	04	04	SIM	COMP	COPYEN	LOCKER	MANU	PLAY	FAET	STILL
1D7	00	00	00	00	DLINE	LOCKSPD[2:0]			PD2	PD3	COPYLVL[1:0]	00:LARGE
					no-ad	no-dop	u-sign	copy	c-lock	c-det	h-lock	no-video
1D8	00	00	00	00	|---- HSW-ADJ[7:0];HAED SWITHING POINT ADJUDT VALUE ----|							
1D9	26	26	26	26	|---- Y-OFFSET DATA READ[7:0] ----|							
1DA	0C	0C	0C	0C	|---- VCOPY[3:0]				VCO_RNGL[1:0]		VCO_RNGH[1:0]	
1DB	56	56	56	56	|---- DCSYNC_ADJ[7:0] DCSYNC HORIZONTAL START POINT ----|							
1DC	00	00	00	00	|---- C_PRO_GAIN[7:0] COPY PROTECT LEVEL CONTROL ----|							
1DD	10	0E	FA	FB	|---- PHSYNC_ADJ[7:0] PSEUDO HSYNC POINT ADJUST ----|							
1DE	E0	E0	E1	E1	FILSEL2		FILSEL3		X	SUB	DVC	PAL
1DF	21	21	20	20	DCP[3:0] 0.5H:DCP*0.5H				ANALOG[3:0] 0.5H:ANALOG*0.5H			
					CLUSTER 14 (HEADER[3:0] = 4'b1110) ; DECODER 2							
1E0	80	80	80	80	OLD2	BETA[8]	SEL_CON;U/V	CDLY[1:0]		CORE[2:0] ;CHROMA SIGNAL SLICE		
1E1	00	00	04	04	FASTAPC	CGAINH	C.KILL[1:0]		|---- FIL_SEL[2:0] ----|			X
1E2	C3	C3	C3	C3	PAL_JOG	ACCFR	|----UOFF[5:0]; U(B-Y) SIGNAL OFFSET ----|					
1E3	83	83	83	83	VCLPF	GAINSEL	|----VOFF[5:0]; V(R-Y) SIGNAL OFFSET ----|					
1E4	37	37	37	37	|---- U(B-Y)_GAIN[7:0]; -X2~X2 ----|							
1E5	51	51	51	51	|---- V(R-Y)_GAIN[7:0]; -X2~X2 ----|							
1E6	75	80	80	80	|---- CGAIN-L[7:0]; ACCR='1'UNI-GAIN MODE ----|							
1E7	00	00	00	00	|---- HUE[7:0] ;CHROMA HUE CONTROL VALUE FOR NTSC USED ONLY ----|							
1E8	00	00	00	00	|---- CKILL_REF[7:0]; COLOR KILL REFERENCE VALUE ----|							
1E9	80	80	80	80	|---- DYGAIN[7:0] ; DECODER Y GAIN CONTROL ,0~X2 ----|							
1EA	00	00	00	00	X	DPR_WR	DPR_RD	|----	HLPF[2:0]; Y LPF		HPK[1:0]; PEAKING DEPTH	
1EB	10	10	10	10	X	X	COMBY_DLY	AUTO-OFF	CTRAP	YBWR	HBW	DECIMATION
1EC	00	00	00	00	|---- CORR[7:0] CTRAP CORRELATION ADDRESS ----|							
1ED	53	53	53	53	|---- ATT[7:0] CORRELATED SIGNAL ATTENUATION LEVEL Y COMB(0 ~ X1) ----|							
1EE	04	04	04	04	X	X	X	X	TRAP_LIM[3:0] TRAP LIMITTER Y COMB			
1EF	BD	BD	BD	BD	|---- BURSTG[7:0] BURST GAIN 0 ~ X2 ----|							
					CLUSTER 15 (HEADER[3:0] = 4'b1111) , DECODER 3							
1F0	00	00	00	00	|---- YOFF[7:0] -128~+127 AUTO ----|							
1F1	60	60	60	60	DCDLY	MULTI	VAV_ADJ[1:0]		V-MOSAIC	H-MOSAIC	F-MIRROR	H-MIRROR
1F2	04	04	04	04	|---- VMSIZE[7:0] VERTICAL MOSAIC SIZE ----|							
1F3	04	04	04	04	|---- HMSIZE[7:0] HORIZONTAL MOSAIC SIZE ----|							
1F4	BD	BD	BA	BA	|---- HM_REF[7:0] HORIZONTAL MOSAIC REFERENCE ----|							
1F5	08	08	08	08	|---- DNR_LIM[7:0] DNR LIMITATION VALUE ----|							
1F6	71	71	71	71	|---- DNR_GAIN[3:0] ----|				|---- DNR_LIM[3:0] ----|			
1F7	00	00	00	00	|---- VS_DET[7:0] VERTICAL SYNC DETECTION DEFAULT ADD OR SUB FROM 244 ----|							
1F8	00	00	00	00	|---- STILL_OFF[7:0] STILL MODE AD DATA, ADD OR SUB ----|							
1F9	40	43	40	43	|---- ALPHA[7:0] VERTICAL LOW PASS FILTER, DEEP at '00' ----|							

	NO-OSD-DISPLAY				DISTANCE							
ADDR	MODEL/DATA				CONTENT							
	NTSC		PAL									
	NOR	HI8	NOR	HI8	OPTION	D6	D5	D4	D3	D2	D1	D0
1FA	80	70	80	70	|---- BETA[7:0] VERTICAL LOW PASS FILTER BETA=256-2*ALPHA							----|
1FB	05	05	16	16	|---- STP_TH[7:0] STEEP THRESHOLD:0~255 VERTICAL LPF, AD ACTIVE OPERATION THRESHOLD							----|
1FC	07	0B	07	0B	|---- COFFSET[7:0] Y,C DELAY							----|
IFD	00	FC	FC	FC	|---- DOP_DLY[7:0] DOP DELAY							----|
1FE	00	00	00	00	X	X	MEM_TH [5:0] MEMORY THRESHOLD CONTROL					----|
1FF	xx				CAMERA MICOM VERSION DISPLAY XX XX (Month-date)							
"CAMERA ADJUST MODE, EEPROM ADDRESS SEQUENCE & DATA OF PAGE 2"												
	NOR	HI8	NOR	HI8	D7	D6	D5	D4	D3	D2	D1	D0
200	40	40	40	40	DIS_ON	ZOOM_ON	LSSC_ON	MIRR_ON	PIP_ON	POWER	PIP_MIRR	BYPASS
201	8C	8C	8C	8C	FRAME	STILL1	STILL2	CEDGE_ON	APT_ON	OSD_ON	TRA_ON	GAMA_ON
202	00	20	40	60	DVC	PAL	HIGH	FLD_SEL	BIST	PN_SEL	CUR_HOLD	CLEAR
203	F0	F0	F0	F0	|---- KX (7:0) HORIZONTAL ZOOM COEFFICENT VALUE							----|
204	F0	F0	F0	F0	|---- KY (7:0) VERTICAL ZOOM COEFFICENT VALUE							----|
205	64	8E	5D	98	|---- SP_H (7:0) HORIZONTAL START POINT FOR ZOOM							----|
206	14	13	19	19	|---- SP_V (7:0) VERTICAL START POINT FOR ZOOM							----|
207	00	00	00	00	|---- WIDTH (7:0) HORIZONTAL WIDTH LSB							----|
208	02	03	02	03	X	X	X	X	X	X	WIDTH (9:8) WIDTH MSB	
209	F5	F5	22	22	|---- HEIGHT [7:0] VERTICAL HEIGHT LSB							----|
20A	00	00	01	01	X	X	X	X	X	X	X	HEIGHT(8)
20B	98	8D	98	8E	|---- PIP_HSP (7:0) PIP IMAGE HORIZONTAL START POINT LSB							----|
20C	01	02	01	02	X	X	X	X	X	X	PIP_HSP(9:8)	
20D	88	87	AD	AD	|---- PIP_VSP (7:0) PIP IMAGE VERTICAL START POINT LSB							----|
20E	00	00	00	00	X	X	X	X	X	X	X	PIP_VSP(8)
20F	A4	A4	A3	A3	|---- PBOX_HSP (7:0) PIP BOX HORIZONTAL START POINT LSB							----|
210	01	01	02	02	X	X	X	X	X	X	PBOX_HSP(9:8)	
211	B8	B8	B9	B8	|---- PBOX_VSP (7:0) PIP BOX VERTICAL START POINT LSB							----|
212	00	00	00	00	X	X	X	X	X	X	X	PBOX_VSP(8)
213	07	07	07	07	|---- PIP_DSP_HADJ (7:0) PIP IMAGE WIDTH ADJUST							----|
214	03	03	03	03	|---- PIP_DSP_VADJ (7:0) PIP IMAGE HEIGHT ADJUST							----|
215	00	03	00	00	|---- PBOX_DSP_HADJ (7:0) PIP BOX WIDTH ADJUST							----|
216	00	00	00	00	|---- PBOX_DSP_VADJ (7:0) PIP BOX HEIGHT ADJUST							----|
217	45	6E	3C	78	|---- OUT_OFF (7:0) FIELD MEMORY1 HORIZONTAL OUTPUT S/P							----|
218	44	6E	3C	78	|---- OUT_OFF1 (7:0) FIELD MEMORY1 HORIZONTAL OUTPUT S/P							----|
219	08	08	08	08	GR_MODE (7:4) INTERNAL IMAGE SELECT MODE				|---- OSD_VAL (3:0)			----|
21A	99	8E	99	8E	CLK2_SEL	|----CLK2_SEL (6:0) CLK DELAY ADJUST						----|
21B	80	80	1F	8C	S1S2_SEL0	CRCB_SEL0	S1S2_SEL1	CRCB_SEL1	LINE_SEL0	LINE_SEL1	LINE_SEL2	LINE_SEL3
21C	12	0C	12	0B	OSD_SEL (7:5)			|---- HVD_ADJ				----|
21D	04	84	04	04	PIP_S1S2_SEL	|----LS_CNT(6:0) LOW SHUTTER SPEED CONTROL REGISTER						----|
21E	4C	76	52	84	|---- DCLP_R (7:0) RISING EDGE TIME CONTROL FOR ODM							----|
21F	54	7E	5A	8C	|---- DCLP_F (7:0) FALLING EDGE TIME CONTROL FOR ODM							----|
220	04	04	08	04	YHAFS		YLPFS		HAPG (3:0) HORIZONTAL APERTURE GAIN CONTROL			
221	2A	2A	2A	2A	|---- APCLP (7:0) HORIZONTAL APERTURE CLIP LEVEL							----|

	NO-OSD-DISPLAY				DISTANCE							
ADDR	MODEL/DATA				CONTENT							
	NTSC		PAL									
	NOR	HI8	NOR	HI8	D7	D6	D5	D4	D3	D2	D1	D0
222	02	02	02	02	|---- APSC (7:0) HORIZONTAL APERTURE SLICE LEVEL ----|							
223	00	00	00	00	|---- ECST (7:0) COLOR EDGE SUPRESSION CLIP LEVEL ----|							
224	44	44	44	44	ECSG (7:4) HORIZONTAL COLOR EDGE SUPRESSION				ECSGV (3:0) VERTICAL COLOR EDGE SUPRESSION			
225	83	83	83	83	G1 (7:4) COLOR HORIZONTAL SPLINE GAIN CONTROL				|---- G2 (3:0) ----|			
226	0D	0D	0D	0D	EDGE_SEL	X	X	|---- G0 (4:0) ----|				
227	00	00	00	00	|---- HUE1_OFF (7:4) ----|				|---- HUE2_OFF (3:0) ----|			
228	12	02	1F	1F	|---- ECHUE1 (7:0) GAIN OF CR FOR BLACK BALANCE ----|							
229	04	14	00	02	|---- ECHUE2 (7:0) GAIN OF CB FOR BLACK BALANCE ----|							
22A	02	02	02	02	|---- APSCV (7:0) VERTICAL APERTURE SLICE LEVEL ----|							
22B	F0	F0	F0	F0	WV1 (7:4) VERTICAL SPLINE GAIN CONTROL1				WV2 (3:0) VERTICAL SPLINE GAIN CONTROL2			
22C	70	70	70	70	WH1 (7:4) HORIZONTAL SPLINE GAIN CONTROL				KT_DIV (3:0) SUB PIXEL COEFFICENT GAIN			
22D	04	04	04	04	|---- OVERLAY (7:0) FEED BACK IMAGE BOUNDARY ADJUST ----|							
22E	40	40	40	40	|---- TO (7:0) TIIR COEFFICENT VALUE ----|							
22F	10	10	10	10	|---- MAN_TO (7:0) TIIR FILTER CLIP GAIN ----|							
230	04	04	04	04	|---- TIIR_TH (7:0) TIIR FILTER SLICE LEVEL ----|							
231	40	40	40	40	LINEAR	FM2_FLD	TIIR_INT	DIR_CURX	DIR_CURY	X	X	X
232	04	04	08	08	|---- GA0 (7:0) IMAGE1 GAMMA GAIN ----|							
233	07	07	0D	0D	|---- GA1 (7:0) IMAGE1 GAMMA GAIN ----|							
234	15	15	1B	1B	|---- GA2 (7:0) IMAGE1 GAMMA GAIN ----|							
235	2C	2C	32	32	|---- GA3 (7:0) IMAGE1 GAMMA GAIN ----|							
236	4D	4D	57	57	|---- GA4 (7:0) IMAGE1 GAMMA GAIN ----|							
237	70	70	82	82	|---- GA5 (7:0) IMAGE1 GAMMA GAIN ----|							
238	B4	B4	C0	C0	|---- GA6 (7:0) IMAGE1 GAMMA GAIN ----|							
239	F8	F8	F0	F0	|---- GA7 (7:0) IMAGE1 GAMMA GAIN ----|							
23A	F8	F8	F0	F0	|---- GA8 (7:0) IMAGE1 GAMMA GAIN ----|							
23B	04	04	08	08	|---- GB0 (7:0) IMAGE1 GAMMA GAIN ----|							
23C	07	07	0D	0D	|---- GB1 (7:0) IMAGE1 GAMMA GAIN ----|							
23D	15	15	1B	1B	|---- GB2 (7:0) IMAGE1 GAMMA GAIN ----|							
23E	2C	2C	32	32	|---- GB3 (7:0) IMAGE1 GAMMA GAIN ----|							
23F	4D	4D	57	57	|---- GB4 (7:0) IMAGE1 GAMMA GAIN ----|							
240	70	70	82	82	|---- GB5 (7:0) IMAGE1 GAMMA GAIN ----|							
241	B4	B4	C0	C0	|---- GB6 (7:0) IMAGE1 GAMMA GAIN ----|							
242	F8	F8	F0	F0	|---- GB7 (7:0) IMAGE1 GAMMA GAIN ----|							
243	F8	F8	F0	F0	|---- GB8 (7:0) IMAGE1 GAMMA GAIN ----|							
244	60	A5	60	C4	|---- SP_HM (7:0) HORIZONTAL START POINT FOR MOTION ----|							
245	15	15	1E	1E	|---- SP_VM (7:0) VERTICAL START POINT FOR MOTION ----|							
246	F2	F2	16	16	|---- HEIGHTM (7:0) IMAGE HEIGHT FOR MOTION ----|							
247	00	00	01	01	X	X	X	X	X	X	X	HEIGHTM(8)
248	FE	E0	D0	94	|---- WIDTHM (7:0) IMAGE WIDTH FOR MOTION ----|							
249	01	02	01	02	X	X	X	X	X	X	WIDTH(9:8)	
24A	DE	DE	DE	DE	|---- KX_MD (7:0) MOTION DETECTION ZOOM COEFFICIENT FOR HORIZONTAL ----|							

	NO-OSD-DISPLAY				DISTANCE							
ADDR	MODEL/DATA				CONTENT							
	NTSC		PAL									
	NOR	HI8	NOR	HI8	D7	D6	D5	D4	D3	D2	D1	D0
24B	DE	DE	DE	DE	|---- KY_MD (7:0) MOTION DETECTION ZOOM COEFFICIENT FOR VERTICAL ----							|
24C	00	00	00	00	|---- OSD_MODE (7:0) ----							|
24D	C1	C1	C1	C1	DIS_ENX	DIS_DNY	DIR_VX	DIR_VY	DXYSET	F_PROJ	HLF_SFT	FRM_VY
24E	00	00	00	00	|---- OX (7:0) AREA OFFSET OF MOTION DETECTION AREA IN X DIRECTION ----							|
24F	00	00	00	00	X	X	X	X	X	X	OX (9:8)	
250	00	00	00	00	|---- OY (7:0) AREA OFFSET OF MOTION DETECTION AREA IN Y DIRECTION ----							|
251	00	00	00	00	|---- CX (7:0) ASSIGNED MOTION VECTOR FOR X ---> MOTION CENTERING ----							|
252	06	06	06	06	|---- CY (7:0) ASSIGNED MOTION VECTOR FOR Y ---> MOTION CENTERING ----							|
253	00	00	00	00	AX (7:4) COMPENSATION MARGIN X				AY (3:0) COMPENSATION MARGIN Y			
254	33	33	33	33	|---- AUTO_CENT (7:0) AUTO CENTERING ----							|
255	88	88	88	88	VGGAINX (7:4) MOTION GAIN X				VGGAINY (3:0) MOTION GAIN Y			
256	21	21	21	21	VGSTEP (7:4) MOTION GAIN RECOVERY STEP				GSPEED (3:0) DISPLAY BAR GRAPH SPEED			
257	48	48	48	48	|---- THR_SEL (7:0) THRESHOLD CONTROL ----							|
258	11	11	11	11	|---- CXY_BIAS (7:0) SCENE CHANGE FILTER OFFSET FOR THRESHOLD ----							|
259	A5	A5	A5	A5	MATCHX_EN	MVX_FMIN	QUART_X		MVX_GAP (3:0) MISMATCH THRESHOLD			
25A	A5	A5	A5	A5	MATCHY_EN	MVY_FMIN	QUART_X		MVX_GAP (3:0) MISMATCH THRESHOLD			
25B	68	68	68	68	SHMFBC (7:4) SUM FILTER FEED BACK COEFFICIENT				SHMITT (3:0) SUM FILTER THRESHOLD			
25C	E0	E0	E0	E0	MVIIR_EN	SCENE_X	SCENE_Y	FRM_DIS	F_SELECT	HLD_HIST	HIST_SFT	
25D	00	00	00	00	OZNSEL (7:5) AF/AE DISPLAY WINDOW			OYISEL	OFILPASS	OLPFSEL	X	X
25E	73	70	8B	8B	|---- OAEVE_WB (7:0) AE WINDOW B, VERTICAL END POINT ----							|
25F	1E	1B	24	24	|---- OAEVS_WB (7:0) AE WINDOW B, VERTICAL START POINT ----							|
260	EA	E2	E7	E8	|---- OAEHE_WB (7:0) AE WINDOW B, HORIZONTAL END POINT ----							|
261	06	02	01	02	|---- OAEHE_WB (7:0) AE WINDOW B, HORIZONTAL START POINT ----							|
262	6A	6B	81	81	|---- OAEVE_WA (7:0) AE WINDOW A, VERTICAL END POINT ----							|
263	20	1D	26	26	|---- OAEVS_WA (7:0) AE WINDOW A, VERTICAL START POINT ----							|
264	BD	B9	B2	B3	|---- OAEHE_WA (7:0) AE WINDOW A, HORIZONTAL END POINT ----							|
265	3F	3B	31	32	|---- OAEHE_WA (7:0) AE WINDOW A, HORIZONTAL START POINT ----							|
266	5F	5C	71	71	|---- OAFVE_W2 (7:0) AF WINDOW 2, VERTICAL END POINT ----							|
267	25	22	29	29	|---- OAFVS_W2 (7:0) AF WINDOW 2, VERTICAL START POINT ----							|
268	A8	A4	A2	A3	|---- OAFHE_W2 (7:0) AF WINDOW 2, HORIZONTAL END POINT ----							|
269	4E	4A	47	48	|---- OAFHS_W2 (7:0) AF WINDOW 2, HORIZONTAL START POINT ----							|
26A	76	76	8D	8D	|---- OAFVE_W1 (7:0) AF WINDOW 1, VERTICAL END POINT ----							|
26B	03	03	04	04	|---- OAFVS_W1 (7:0) AF WINDOW 1, VERTICAL START POINT ----							|
26C	E5	E5	DC	DC	|---- OAFHE_W1 (7:0) AF WINDOW 1, HORIZONTAL END POINT ----							|
26D	03	03	06	06	|---- OAFHS_W1 (7:0) AF WINDOW 1, HORIZONTAL START POINT ----							|
26E	00	00	00	00	|---- OYL_TH (7:0) AE Y SINGLE LOW THRESHOLD ----							|
26F	FF	FF	FF	FF	|---- OYH_TH (7:0) AE Y SINGLE HIGH THRESHOLD ----							|
270	C0	C0	C0	C0	|---- OAECLIP_TH (7:0) AE CLIP COUNT THRESHOLD ----							|
271	C0	C0	C0	C0	|---- OAFCLIP_TH (7:0) AF CLIP COUNT THRESHOLD ----							|
272	00	00	00	00	|---- PFCNT_MI (7:0) DEFECT COUNT VALUE FROM MICOM ----							|
273	28	28	28	28	|---- PTHRESH (7:0) DIGITAL CLAMP THRESHOLD VALUE FROM MICOM ----							|

	NO-OSD-DISPLAY				DISTANCE							
ADDR	MODEL/DATA				CONTENT							
	NTSC		PAL									
	NOR	HI8	NOR	HI8	D7	D6	D5	D4	D3	D2	D1	D0
274	0C	0D	0D	0D	|---- POFFSET (7:0) DIGITAL CLAMP OFFSET VALUE FROM MICOM ----|							
275	03	03	03	03	|---- PCMD (7:0) PREPROCESS COMMAND FROM MICOM ----|							
276	00	00	00	00	|---- PRAMIL (7:0) DEFECT POSITION VALUE(7:0) FROM MICOM ----|							
277	00	00	00	00	|---- PRAMIM (16:8) DEFECT POSITION VALUE(15:8) FROM MICOM ----|							
278	00	00	00	00	X	X	X	X	PRAMIM (19:16) DEFECT POSITION FROM MICOM			
279	00	00	00	00	X	X	|----PRAMA_MI (5:0) LINE MEMORY ADDRESS FROM MICOM ----|					
27A	00	00	00	00	DIS;FACTOR AT BLC ON CONDTION							
27B	00	00	00	00	DIS;FACTOR AT BLC ON CONDTION							
27C	00	00	00	00	DIS;FACTOR AT WDR ON CONDTION							
27D	00	00	00	00	DIS;FACTOR AT WDR ON CONDTION							
27E	F4	F4	F4	F4	DIS;WIGHT WHEN DECREASE							
27F	00	00	00	00	DIS; STEP CONTROL '00~88'							

"CHANGED BY MODEL"

	NO-OSD-DISPLAY				DISTANCE							
ADDR	MODEL/DATA				CONTENT							
	NTSC		PAL									
	NOR	HI8	NOR	HI8	D7	D6	D5	D4	D3	D2	D1	D0
									PAL		NTSC	
001	40	-	40	-	CAMERA OPTION ; NON I-BLC				VP-L500,L520,L530		SCL500,L520	
	50	50	50	50	CAMERA OPTION ; I-BLC				VP-M550(HI-8)		SCL530,L550(HI8)	
05A	08	-	0C	-	DIGITAL CLAMP AT AGC ON(#118-#05A); NON-DIS				VP-L500,L520		SCL500,L520	
	00	00	00	00	DIGITAL CLAMP AT AGC ON(#118-#05A); DIS MODE				VP-L530,L550(HI-8)		SCL530,L550(HI8)	
07E	E7	-	-	-	D.ZOOM RATIO MAX ; X220				-		SCL500	
	F4	F4	F4	F4	D.ZOOM RATIO MAX ; X440				VP-L500,L520,L530,L550(HI8)		SCL520,L530,L550(HI8)	
104	07	-	08	-	GLOVAL DELAY : NON I-BLC, NON-DIS				VP-L500,L520		SCL500,L520	
	-	-	08	-	GLOVAL DELAY ; NON I-BLC DIS				VP-L530		-	
	18	0C	-	0C	GLOVAL DELAY ; I-BLC,DIS				VP-L550(HI8)		SCL530,L550(HI8)	
118	08	-	0D	-	DIGITAL CLAMP ; NON-DIS				VP-L500,L520		SCL500,L520	
	00	00	00	00	DIGITAL CLAMP ; DIS				VP-L530,L550(HI8)		SCL530,L550(HI8)	
134	0A	-	04	-	R-DARK-SLICE ; NON-DIS				VP-L500,L520		SCL500,L520	
	0A	05	09	09	R-DARK-SLICE ; DIS				VP-L530,L550(HI8)		SCL530,L550(HI8)	
135	FA	-	07	-	B-DARK-SLICE ; NON-DIS				VP-L500,L520		SCL500,L520	
	00	FE	FD	00	B-DARK-SLICE ; DIS				VP-L530,L550(HI8)		SCL530,L550(HI8)	

4-2-2 Camera System Adjustment

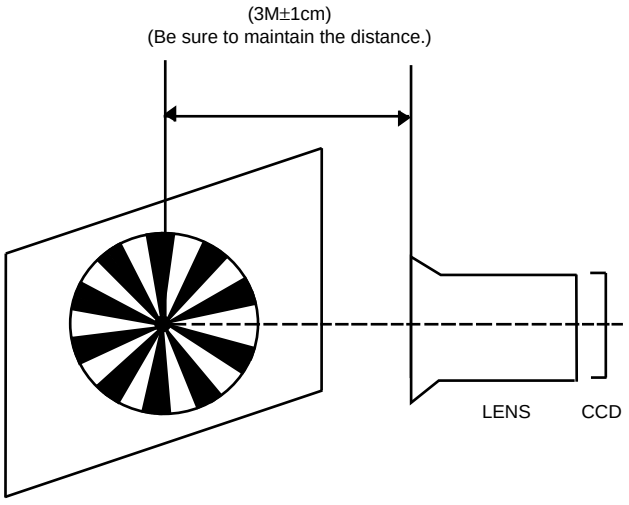
Note : The on-screen display information.
"XX XX" means arbitrary value.
It can be different number depend on the conditions.

0DF	T.INI	XX	XX

1. Focus to zoom tracking

Notes : To maintain proper focus throughout the zoom range, the focus lens position must be changed as the zoom lens is moved.
During this adjustment the microprocessor will measure the focus positioning requirements at the wide and telephoto position of the zoom lens.

1) Camera "E-E".
2) Focus chart (Attached on the last page of this manual).
3) Aim the camera at the focus chart placed 3 meters away and perpendicular to the center of the lens.
The chart should be placed on the flat, gray or white wall.
4) Connect monitor TV jack to video output jack.
5) Press the "FADE(MODE UP)" and "BLC(MODE DOWN)" button, so that the OSD start is "0DE. 3M LENS XX XX".
6) Press "PROGRAM AE(CONFIRM)" button.
The camera will move both zoom and focus lens.
The adjustment is finished when the O.K! message appears on the TV screen.
Store the data to mode 0A6, 0A7, 0A8, 0A9, 0AA, 0AB, 0AC or 0AD.



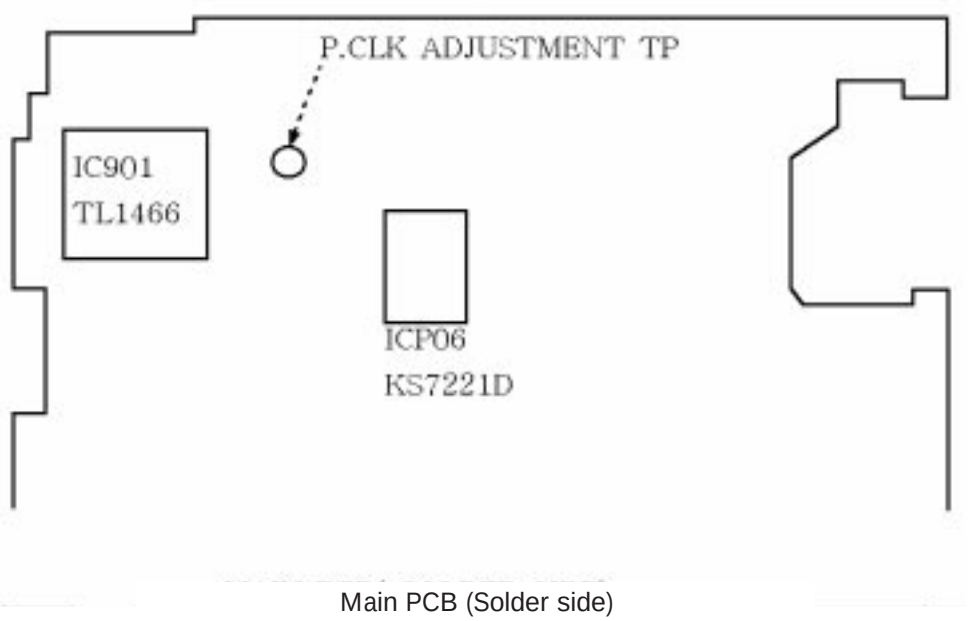
2. P. CLK Adjustment

1) “Camera”, no signal input.
2) P.CLK and AF MICOM.
3) Connect a frequency counter to P.CLK.
4) Press the “FADE(MODE UP)/BLC(MODE DOWN)” button so that the OSD state is “004 XX XX”.
5) Adjust the “DSE(DATA UP)/TITLE(DATA DOWN)” button so that frequency is

· PAL: NORMAL --> 9.453125MHz ± 50Hz. Hi8 --> 14.18750MHz ± 50Hz.

· NTSC: NORMAL --> 9.534964MHz ± 50Hz. Hi8 --> 14.318182MHz ± 50Hz.

NOTE : Frequency changes after the confirm button is pressed.



Main PCB (Solder side)

3. Zoom VR Center

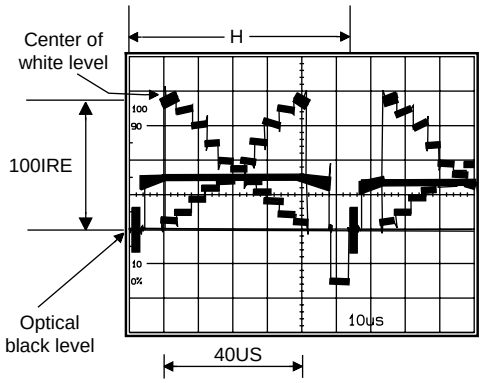
1) Camera “E-E”, 3100°K gray-scale chart.
2) Video(output) jack and EVR.
3) Connect monitor TV to video(output) jack.
4) Press the “FADE (MODE UP)/BLC (MODE DOWN)” button so that the OSD state is “OD6. ZVR.C XX XX”.
5) Press “PROGRAM AE(CONFIRM)” button.
6) Then, the microprocessor will work ;
   - Find the Zoom VR Center position
   - Store the data to mode 0B7.

4. Auto hall

1) Camera “E-E”, 3100°K gray-scale chart.
2) Video(output) jack and EVR.
3) Connect monitor TV to video(output) jack.
4) Press the “FADE(MODE UP)/BLC(MODE DOWN)” button so that the OSD state is “OCD. HALL XX XX”.
5) Press “PROGRAM AE(CONFIRM)” button.
6) Then, the microprocessor will work ;
   - IRIS open, HALL maximum value found,
   - IRIS closed, HALL minimum value found,
   - IRIS open, HALL maximum value found,
   - Store the data to mode 00A and mode 00B.
   - Store the HALL min./max. data to mode 0C1 and mode 0C2.

5. AUTO IRIS

1) Camera “E-E”, 3100°K gray-scale chart.
2) Video(output) jack and AF MICOM.
3) Connect video(output) jack to waveform monitor input jack and monitor TV jack respectively.
4) Press the “FADE(MODE UP)/BLC(MODE DOWN)” button so that the OSD state is “OCE. IRIS XX XX”.
5) Press “PROGRAM AE(CONFIRM)” Button.
6) Then, the micro process will work;
   - IRIS open, IRIS control minimum Value found.
   - IRIS close, IRIS control minimum Value found.
   - Store the data to mode 0B5, 0B6, 0C7 and 0C8.
7) The OSD shows “O.K”.

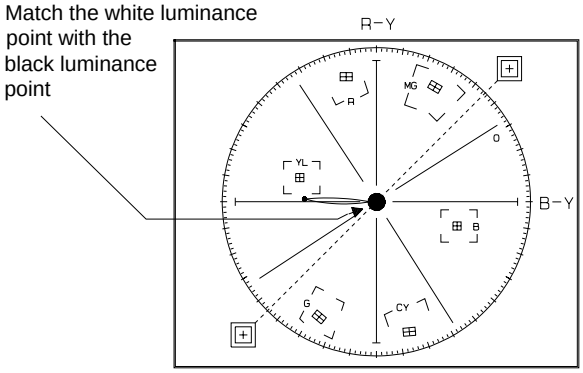


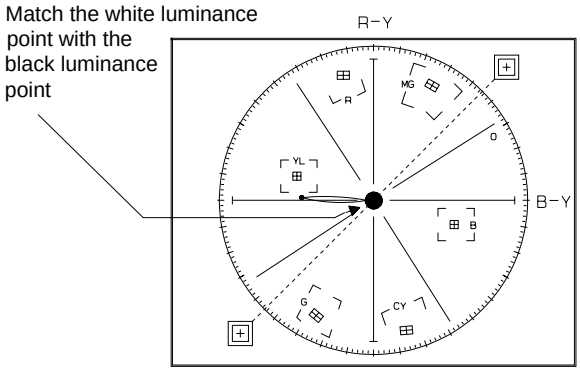
6. Auto white balance

1) Camera “E-E”, 3100°K/5100°K gray-scale chart.
2) Video(output) jack and AF MICOM.
4) Connect vectorscope input jack to video(output) jack.
3) Press the “FADE(MODE UP)/BLC(MODE DOWN)” button so that the OSD state is “0CF. AWB XX XX”.

a. W/B Indoor
a-1. Aim the camera at a 3100°K gray-scale chart illuminated at 1500 to 2000 lx. (40us)
a-2. Press “PROGRAM AE(CONFIRM)” button so that the white vector moves to the center on screen of the vectorscope.
a-3. The OSD shows “OK!”.

b. W/B Outdoor
b-1. Aim the camera at a 5100°K gray-scale (3100°K+CCB16) chart illuminated at 1500 to 2000 lx. (40us)
b-2. Press “PROGRAM AE(CONFIRM)” button so that the white vector moves to the center on screen of the vectorscope.
b-3. Store the data to mode 0C9, 0CA, 0CB and 0CC.
b-4. The OSD shows “OK!”.





7. Pre white balance (I)

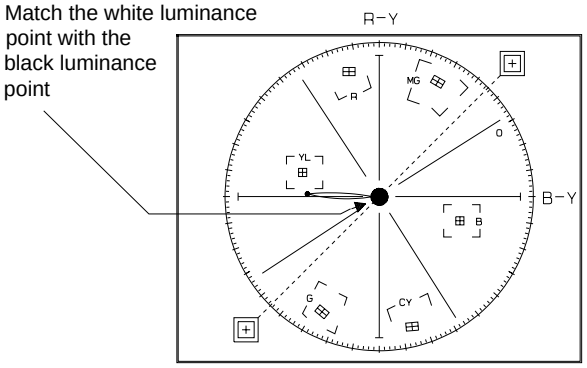
1) Camera “E-E”, 3100°K gray-scale chart.
2) Video(output) jack and AF MICOM.
3) Connect vectorscope input jack to video(output) jack.
4) Press the “FADE(MODE UP)/BLC(MODE DOWN)” button so that the OSD state is “137. XX XX”.
5) Aim the camera at a 3100°K gray-scale chart illuminated at 1500 to 2000 lx.
6) Adjust the “ DSE(DATA UP)/TITLE (DATA DOWN)” button so that the white vector moves to the B-Y axial on screen of the vectorscope.

Note : Bright dot shifts after the confirm button is pressed.

8. Pre white balance (II)

1) Camera “E-E”, 3100°K gray-scale chart.
2) Video(output) jack and AF MICOM.
4) Connect vectorscope input jack to video(output) jack.
3) Press the “FADE (MODE UP) / BLC(MODE DOWN)” button so that the OSD state is “138. XX XX”.
5) Aim the camera at a 3100°K gray-scale chart illuminated at 1500 to 2000 lx.
6) Adjust the “DSE(DATA UP) / TITLE (DATA DOWN)” button so that the white vector moves to the R-Y axial on screen of the vectorscope.

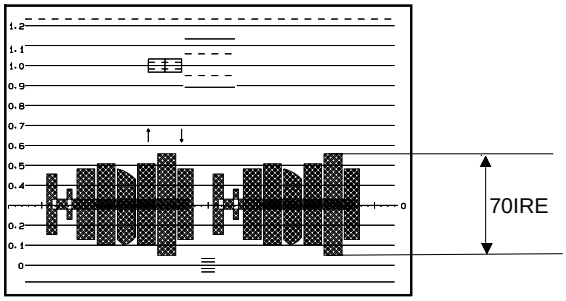
Note : Bright dot shifts after the confirm button is pressed.



9 R-Y Positive Gain

1) Camera “E-E”, 3100°K color bar chart.
2) Video(output) jack and register of EEPROM.
3) Connect video(output) jack to waveform monitor input jack and monitor TV jack respectively.
4) Press the “FADE(MODE UP) / BLC(MODE DOWN)” button so that the OSD state is “147. XX XX”.
5) Aim the camera at a color bar chart illuminated at 1500 to 2000 lx.
6) Adjust the “ DSE(DATA UP) / TITLE(DATA DOWN)” button so that the red level is 70IRE(NTSC) / 500mV(PAL) .
7) Be sure to press the “PROGRAM AE(CONFIRM)” button to memorize setting.

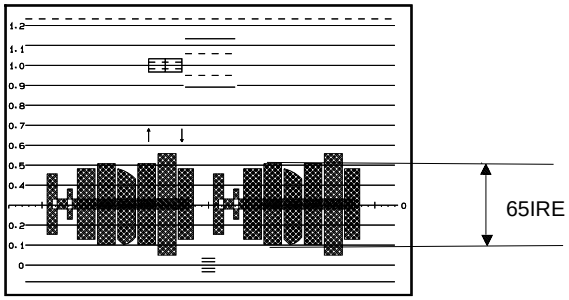
Note : Bright dot shifts after the confirm button is pressed.



10. R-Y Negative Gain

1) Camera “E-E”, 3100°K color bar chart.
2) Video(output) jack and register of EEPROM.
3) Connect video(output) jack to waveform monitor input jack and monitor TV jack respectively.
4) Press the “FADE(MODE UP) / BLC(MODE DOWN)” button so that the OSD state is “148. XX XX”.
5) Aim the camera at a color bar chart illuminated at 1500 to 2000 lx.
6) Adjust the “ DSE(DATA UP) / TITLE(DATA DOWN)” button so that the cyan level is 65IRE(NTSC) / 350mV(PAL).
7) Be sure to press the “PROGRAM AE(CONFIRM)” button to memorize setting.

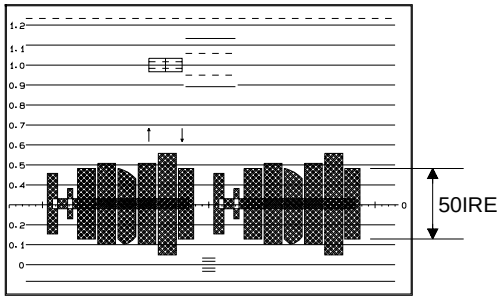
Note : Bright dot shifts after the confirm button is pressed.



11. B-Y Positive Gain

1) Camera “E-E”, 3100°K color bar chart.
2) Video(output) jack and register of EEPROM.
3) Connect video(output) jack to waveform monitor input jack and monitor TV jack respectively.
4) Press the “FADE(MODE UP) / BLC(MODE DOWN)” button so that the OSD state is “14B XX XX”.
5) Aim the camera at a color bar chart illuminated at 1500 to 2000 lx.
6) Adjust the “DSE(DATA UP) / TITLE (DATA DOWN)” button so that the blue level is 50IRE(NTSC) / 350mV(PAL).
7) Be sure to press the “PROGRAM AE(CONFIRM)” button to memorize setting.

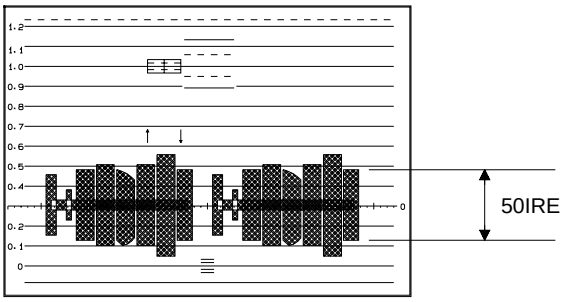
Note : Bright dot shifts after the confirm button is pressed.



12. B-Y Negative Gain

1) Camera “E-E”, 3100°K color bar chart.
2) Video(output) jack and register of EEPROM.
3) Connect video(output) jack to waveform monitor input jack and monitor TV jack respectively.
4) Press the “FADE(MODE UP)/BLC (MODE DOWN)” button so that the OSD state is “14C XX XX”.
5) Aim the camera at a color bar chart illuminated at 1500 to 2000 lx.
6) Adjust the “DSE(DATA UP)/TITLE (DATA DOWN)” button so that the yellow level is 50IRE(NTSC)/350mV(PAL).
7) Be sure to press the “PROGRAM AE(CONFIRM)” button to memorize setting.

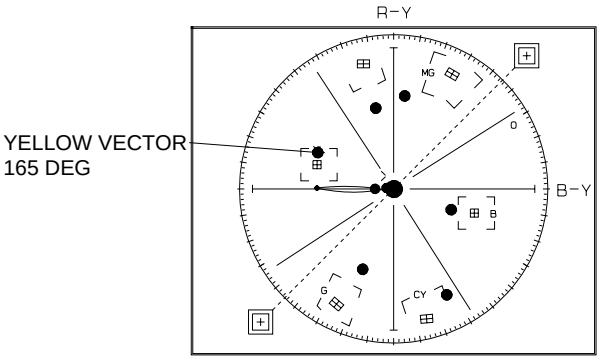
Note : Bright dot shifts after the confirm button is pressed.



13. R-Y Positive Hue

1) Camera “E-E”, 3100°K color bar chart.
2) Video(output) jack and register of EEPROM.
3) Connect video(output) jack to vectorscope input jack and monitor TV jack respectively.
4) Press the “FADE(MODE UP)/BLC(MODE DOWN)” button so that the OSD state is “149 XX XX”.
5) Aim the camera at a color bar chart illuminated at 1500 to 2000 lx.
6) Adjust the “DSE(DATA UP)/TITLE (DATA DOWN)” button so that the yellow vector is 165.
7) Be sure to press the “PROGRAM AE(CONFIRM)” button to memorize setting.

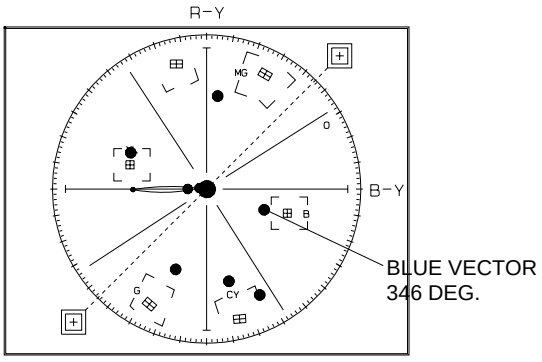
Note : Bright dot shifts after the confirm button is pressed.



14. R-Y Negative Hue

1) Camera “E-E”, 3100°K color bar chart.
2) Video(output) jack and register of EEPROM.
3) Connect video(output) jack to vectorscope input jack and monitor TV jack respectively.
4) Press the “FADE(MODE UP)/BLC(MODE DOWN)” button so that the OSD state is “14A XX XX”.
5) Aim the camera at a color bar chart illuminated at 1500 to 2000 lx.
6) Adjust the “DSE(DATA UP)/TITLE (DATA DOWN)” button so that the blue vector is 346.
7) Be sure to press the “PROGRAM AE (CONFIRM)” button to memorize setting.

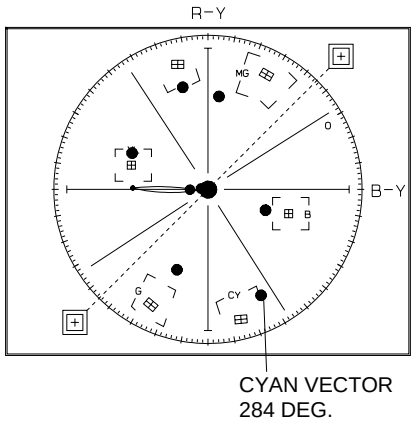
Note : Bright dot shifts after the confirm button is pressed.



15. B-Y Positive Hue

1) Camera “E-E”, 3100°K color bar chart.
2) Video(output) jack and register of EEPROM.
3) Connect video(output) jack to vectorscope input jack and monitor TV jack respectively.
4) Press the “FADE(MODE UP)/BLC(MODE DOWN)” button so that the OSD state is “14D XX XX”.
5) Aim the camera at a color bar chart illuminated at 1500 to 2000 lx.
6) Adjust the “DSE(DATA UP)/TITLE (DATA DOWN)” button so that the cyan vector is 284.
7) Be sure to press the “PROGRAM AE (CONFIRM)” button to memorize setting.

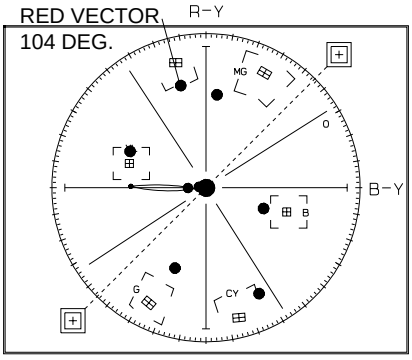
Note : Bright dot shifts after the confirm button is pressed.



16. B-Y Negative Hue

1) Camera “E-E”, 3100°K color bar chart.
2) Video(output) jack and register of EEPROM.
3) Connect video(output) jack to vectorscope input jack and monitor TV jack respectively.
4) Press the “FADE(MODE UP)/BLC(MODE DOWN)” button so that the OSD state is “14E XX XX”.
5) Aim the camera at a color bar chart illuminated at 1500 to 2000 lx.
6) Adjust the “DSE(DATA UP)/TITLE (DATA DOWN)” button so that the red vector is 104.
7) Be sure to press the “PROGRAM AE(CONFIRM)” button to memorize setting.

Note : Bright dot shifts after the confirm button is pressed.



4-2-3 CVF Adjustment

Notes :

1. After each adjustment step is completed, OSD shows “OK”.
2. EEPROM(ICV02) stores confirmed adjustment value of each adjustment step.
3. After finishing the adjustment, reset the main power source (OFF-ON) to memorize the adjustment data in EEPROM.
4. Remote controller is used as a CVF adjust tool.

4-2-3 (a) PREPARATION

1. How to get into the CVF adjust mode.

STEP1

Short the two lands on the CVF PCB by solder to Ground. (They are displayed on page 4-31)

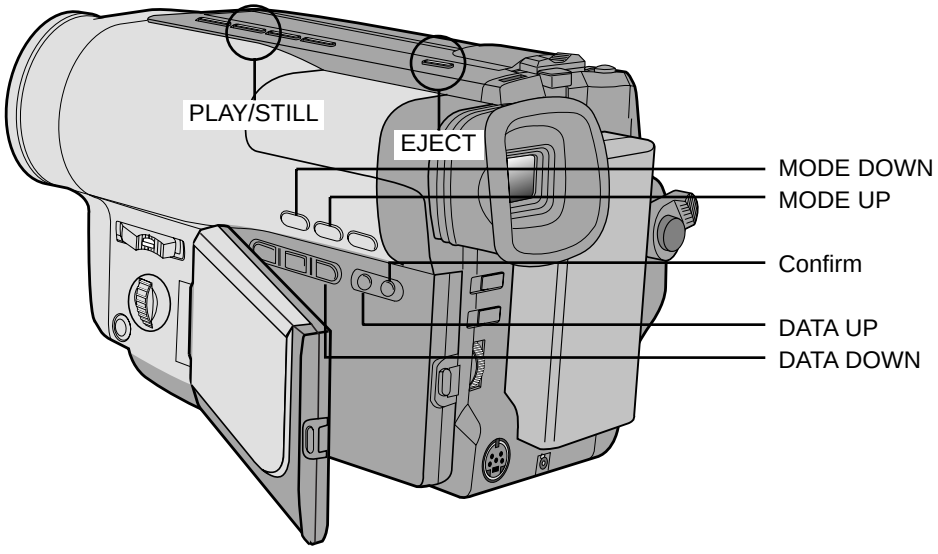
STEP2

1. Connect the power source (battery / DC cable).
2. Set the mode switch of the camcorder to “PLAYER” position.
3. Set OSD on state.
4. Press and hold the “EJECT” button and “PLAY / STILL” button on the camcorder at the same time for more than 5 seconds. Then unit goes into service mode.

STEP3

MONITOR OSD shows “8. PLL EPR XX. EVR XX”. Then CVF adjustment mode has been activated successfully.

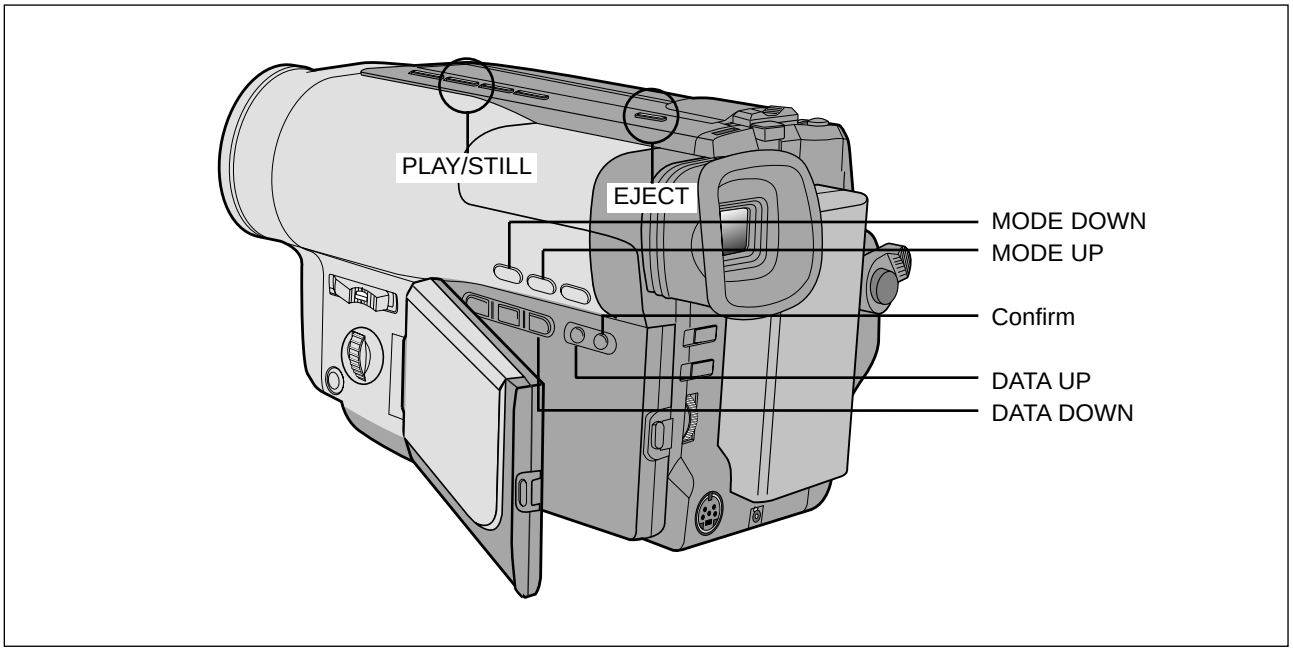
8 PLL
EPR : XX EVR : XX



Note : When XX XX is shown in service adjustment procedures, this indicates variable values.

2. The following chart shows the function of each button. In service adjustment mode, button names are different from those in customer camera function control mode. EX)ON / OFF button is the same as confirm.

Button	Function
FADE(MODE UP)	When change the adjustment mode.
BLC(MODE DOWN)	
DSE(DATA UP)	When change data value of adjust state.
TITLE(DATA DOWN)	
PROGRAM AE(CONFIRM)	Data store after finishing adjustment by “DATA UP/DATA DOWN” button



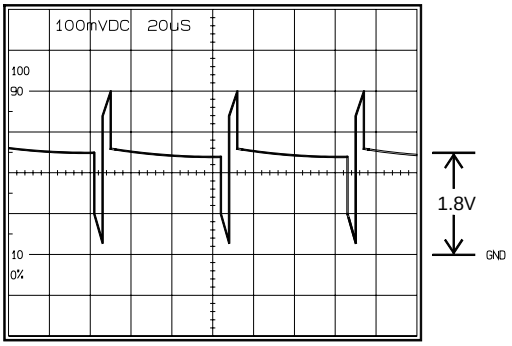
ADDRESS	MODE	NTSC	PAL	MEAN	REMARK
0	TINT	88	65	TINT	ADJUST
1	COLOR	65	75	COLOR GAIN	ADJUST
2	BRIGHT	88	88	BRIGHT	ADJUST
3	CONTRAST	60	60	CONTRAST	FIXED
4	B SUB	8A	80	B-SUB	ADJUST
5	R SUB	8A	80	R-SUB	ADJUST
6	GAMMA 1	75	75	GAMMA1 GAIN	FIXED
7	GAMMA 2	B1	B1	GAMMA2 GAIN	FIXED
8	PLL	60	60	PLL	ADJUST
9	MODE 1	02	0E	PAL/NTSC	FIXED
A	MODE 2	00	00	NORMAL/TEST	FIXED
B	MODE 3	F5	F5	HD-POSITION	FIXED

NOTE : PLL --> BRIGHT --> R-SUB --> B-SUB --> COLOR --> TINT

4-2-3 (b) ADJUSTMENT

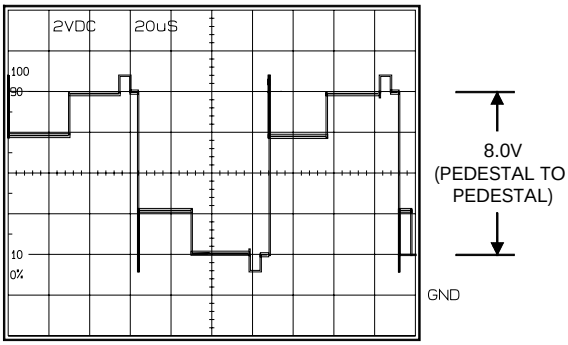
1. PLL (ADDRESS : 8.PLL)

1) Connect an multimeter probe to TP-P
2) Adjust the EVR so that DC voltage is DC1.8±0.05Vp-p.



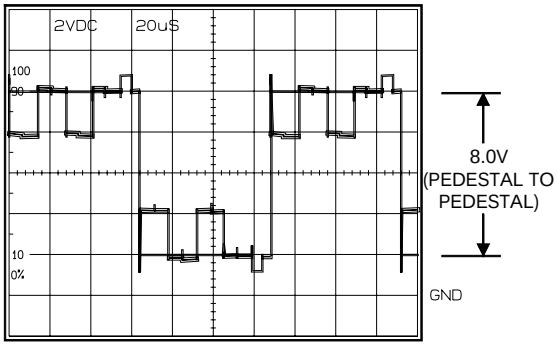
2. Brightness (ADDRESS : 2.BRIGHT)

1) Connect an oscilloscope probe to TP-G.
2) Adjust EVR so that bright(Green) level is 8.0V±0.1Vp-p (pedestal to pedestal).



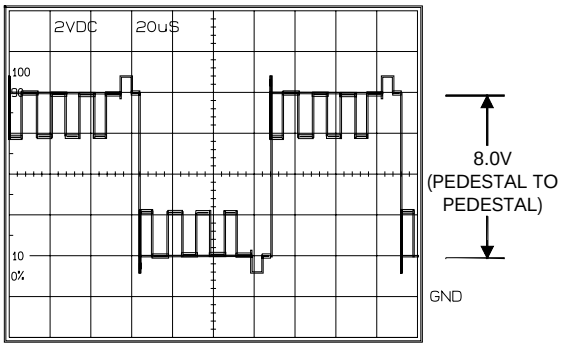
3. R-Sub Brightness (ADDRESS : 4.R-SUB)

1) Connect an oscilloscope probe to TP-R
2) Adjust the EVR so that R-OUT(Red) level is 8.0Vp-p (pedestal to pedestal).



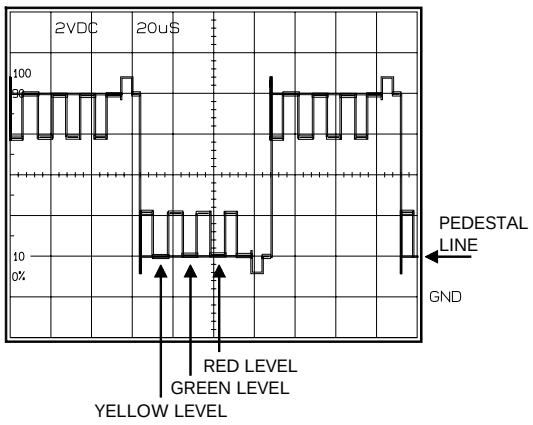
4. B-Sub Brightness (ADDRESS : 5.B-SUB)

1) Connect an oscilloscope probe to TP-B.
2) Adjust the EVR so that B OUT(Blue) level is 8.0Vp-p (pedestal to pedestal).



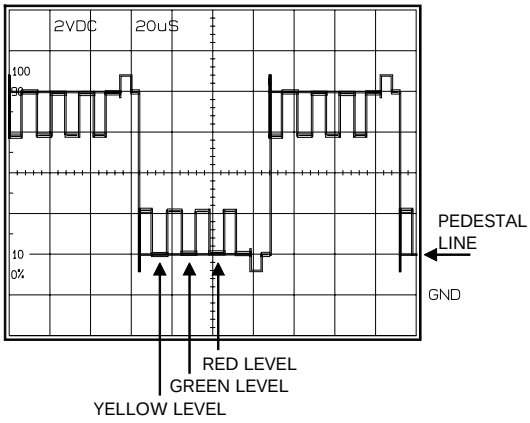
5. Color(ADDRESS : 1.COLOR)

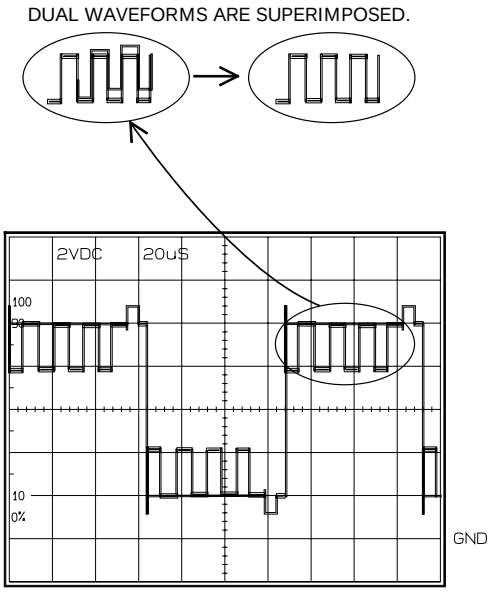
1) Connect an oscilloscope probe to TP-B.
2) Adjust the EVR so that the Yellow level is equal to the pedestal line.



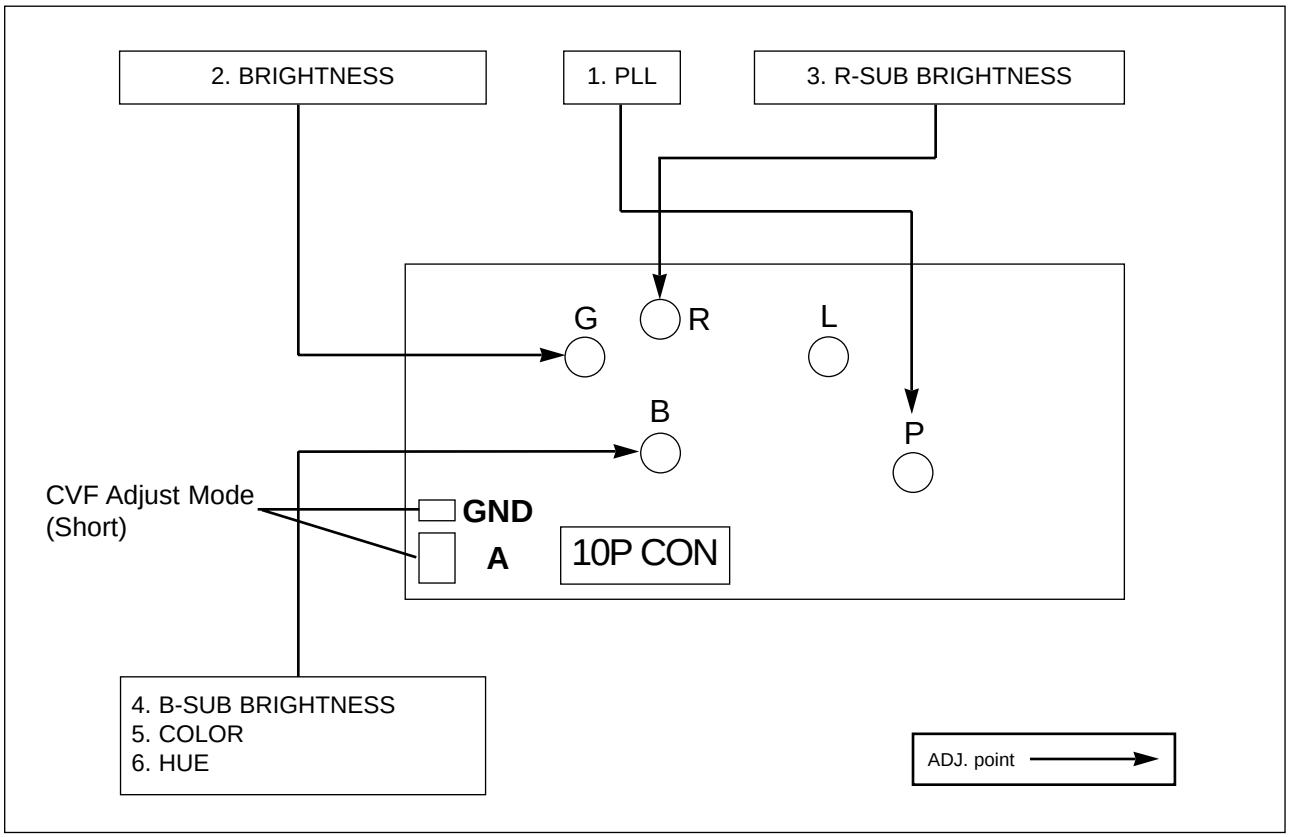
6. TINT(ADDRESS : 0.TINT)

1) Connect an oscilloscope probe to TP-B.
2) Adjust the EVR so that the dual waveforms are superimposed.(PAL MODEL)
3) Adjust the EVR so that the bright(Green) level is equal to the Red level.(NTSC MODEL)





Note : When adjusting CVF be sure to short circuit between Ground and "A"part to store the confirmed data in EEPROM when pushing ON/OFF button.



4-2-4 EVF Adjustment

Notes :

1. For EVF adjustment, use the buttons on set and remote controller.
2. After each adjustment step is completed, OSD shows “OK”.
3. EEPROM(ICV02) stores confirmed adjustment value of each adjustment step.
4. After finishing the adjustment, turn power off.

4-2-4 (a) PREPARATION

1. How to get into the EVF adjust mode.

STEP1

1. Connect the power source (battery / DC cable).
2. Set the mode switch of the camcorder to “PLAYER” position.
3. Connecting the AV JACK of the camcorder to monitor makes OSD appear.

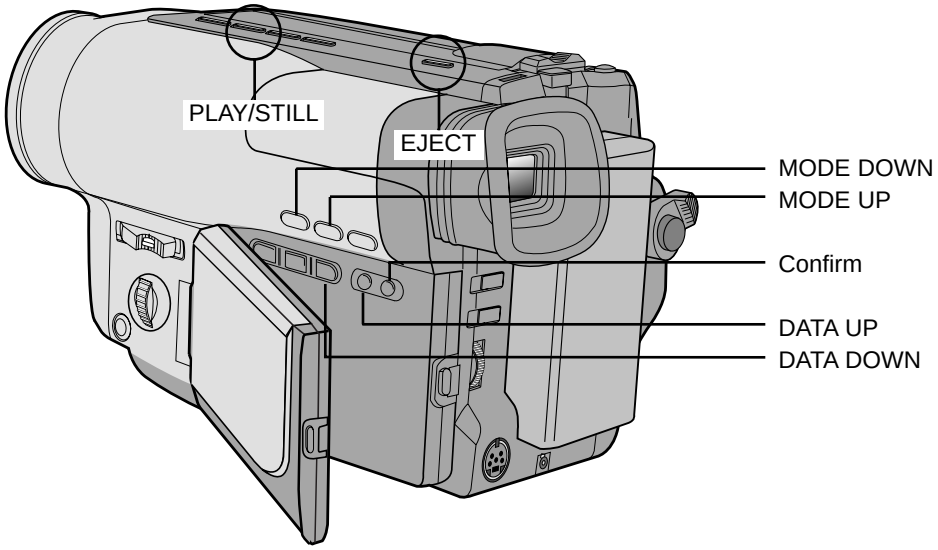
STEP2

Press and hold the “EJECT” button and “PLAY / STILL” button on the camcorder at the same time for more than 5 seconds.

0 USER BRT.
EPR : XX EVR : XX

Monitor OSD shows “0 USER BRT EPR XX. EVR XX”. Then EVF adjustment mode has been activated successfully.

Notes : "XX" indicates variable values.



Notes : When XX XX is shown in service adjustment procedures, this indicates variable values.

2. The following chart shows the function of each button.

Button	Function
FADE(MODE UP)	When change the adjustment mode.
BLC(MODE DOWN)	
DSE(DATA UP)	When change data value of adjust state.
TITLE(DATA DOWN)	
PROGRAM AE(CONFIRM)	Data store after finishing adjustment by “DATA UP/DATA DOWN” button

Notes : In service adjustment mode, button names are different from those in customer function control mode.

3. Adjustment mode table

ADDRESS	MODE	NTSC	PAL	MEAN	REMARK
0	USER BRHT	4B	4B	BRIGHT	ADJUST
1	S SUB R	80	80	R-SUB BRHT	FIXED
2	R SUB B	80	80	B-SUB BRHT	FIXED
3	CONTRAST	88	88	CONTRAST	ADJUST
4	S CONT R	99	99	R-SUB CONT	FIXED
5	S CONT B	99	99	B-SUB CONT	FIXED
6	GAMMA 2	70	70	GAMMA 2	FIXED
7	GAMMA 1	92	92	GAMMA 1	FIXED
8	ONLY 0	00	00	ONLY 00	FIXED
9	COM DC	7A	7A	VCOM	ADJUST
A	COLOR	80	80	COLOR	FIXED
B	HUE	80	80	TINT	FIXED
C	W/B LMT	1B	1B	W/B LIMIT	FIXED
D	FIL/LPF	00	00	FIL/LPF	FIXED
E	PIC/GAIN	00	00	PICTURE/GAIN	FIXED
F	MODE/PLL	0C	0C	MODE/PLL	ADJUST
10	SYNC GEN	00	00	SYNC GEN	FIXED
11	Y MIRROR	00	01	NTSC/PAL	FIXED
12	OUT INV	00	00	OUT INV	FIXED
13	X MIRROR	00	00	UP/DOWN	FIXED
14	H POSI	10	10	H-POSITION	FIXED
15	HDO OUT	00	00	HDO OUT	FIXED

4-2-4 (b) ADJUSTMENT

1. PLL

1) TP-P & EVR
1) Connect an voltmeter to TP-P
2) Adjust the EVR so that DC voltage is DC1.6±0.2Vp-p.

2. VCOM

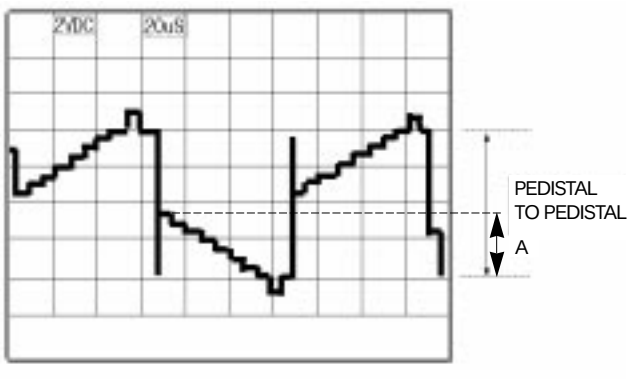
1) TP-L & EVR
2) Connect an voltmeter to TP-L.
3) Adjust the EVR so that DC voltage is 5.6±0.05Vp-p (pedestal to pedestal).

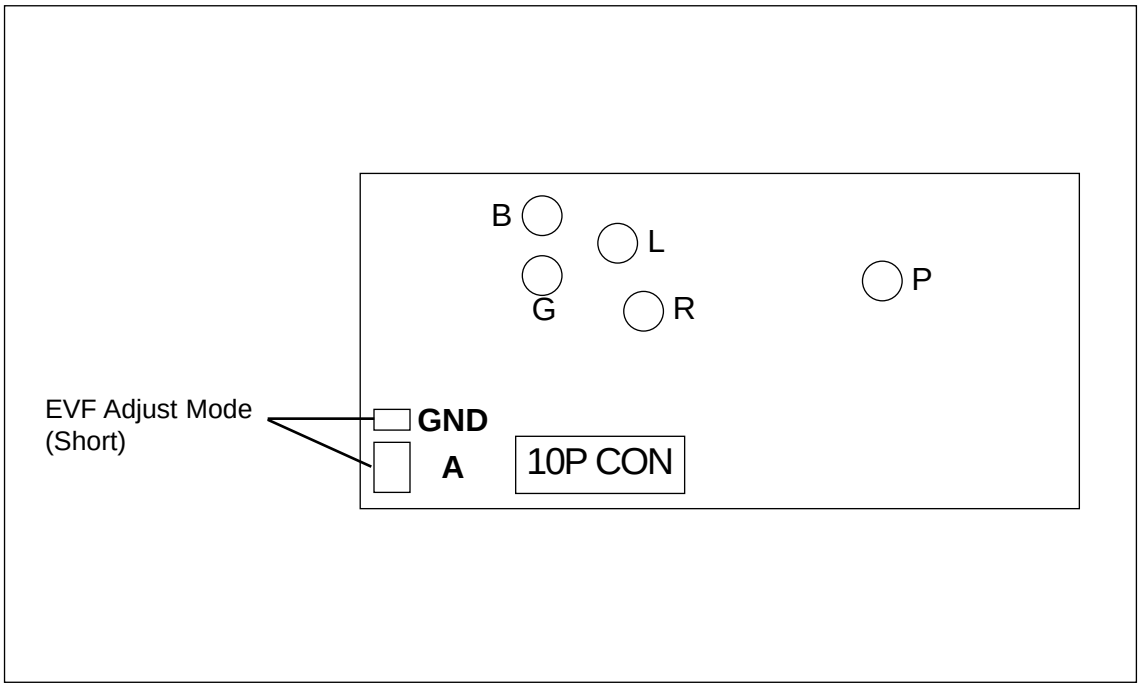
3. BRIGHTNESS

1) TP-G & EVR
2) Connect an oscilloscope probe to TP-G.
3) Adjust the EVR so that bright level is 8.0Vp-p (pedestal to pedestal).

4. CONTRAST

1) TP-B & EVR
2) Connect an oscilloscope probe to TP-B.
3) Adjust the EVR so that A level is 2.0Vp-p .





Note : When adjusting EVF be sure to short circuit between Ground and "A"part to store the confirmed data in EEPROM when pushing ON/OFF button.
After finishing the adjustment, you have to reset.

4-2-5 LCD Adjustment

Notes: For LCD adjustment, use the buttons on the video camera and the remote control.
After each adjustment step is completed, OSD shows "OK".
EEPROM(ICL202) stores confirmed adjustment value of each adjustment step.
After finishing the adjustment, turn power off.

4-2-5 (a) PREPARATION

1. How to get into the LCD adjust mode.

STEP1

1. Remove the lithum battery from camcorder.
2. Connect the power source (battery / DC cable).
3. Set the mode switch of the camcorder to "PLAYER" position.
4. Camera screen and OSD appears.

STEP2

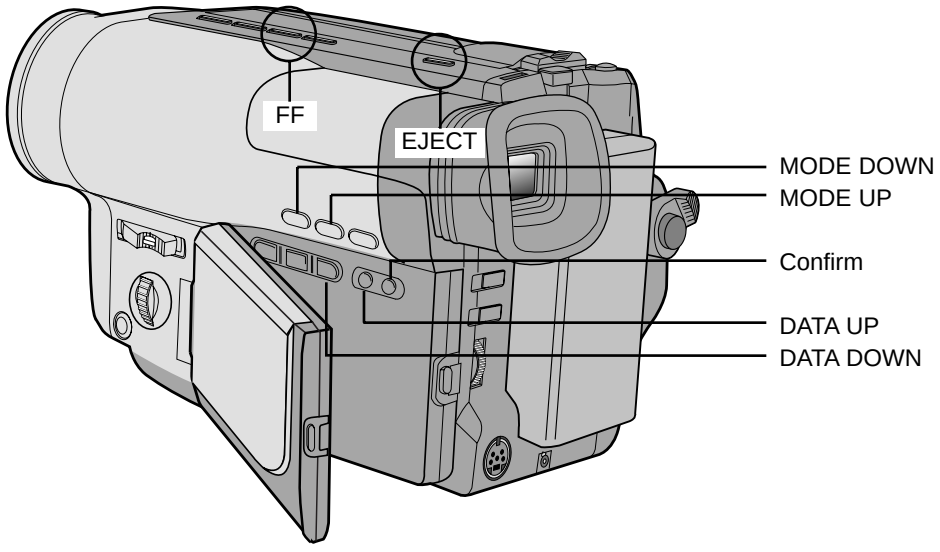
Press and hold the "EJECT" button and "FF" button on the camcorder at the same time for more than 5 seconds.

Monitor screen

A. VCO
EPR:XX EVR:XX

When monitor OSD shows as above screen, LCD adjustment mode has been activated successfully.

Note : "XX" indicates variable values.



Remote Control Button Location

2. Functions of each button on the Remote Control

Button	Function
FADE(MODE UP)	When changing the adjustment mode.
BLC(MODE DOWN)	
DSE(DATA UP)	When changing data value of adjust state.
TITLE(DATA DOWN)	
PROGRAM AE(CONFIRM)	Store data after finishing adjustment by “DATA UP/DATA DOWN” button.

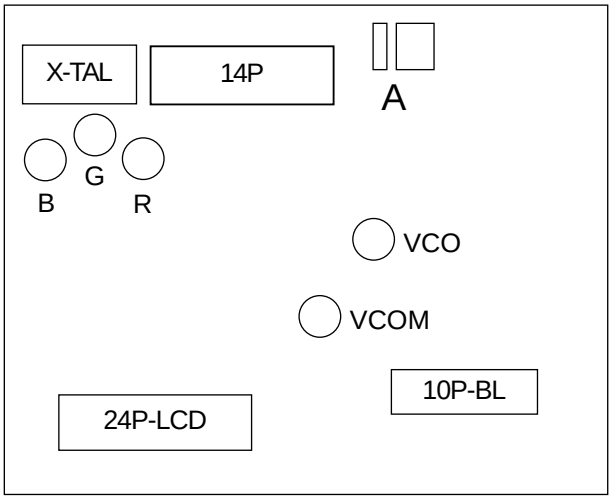
Note: In service adjustment mode, button names are different from those in customer function control mode.

3. Adjustment mode table

ADDRESS	MODE	NTSC	PAL	MEAN	REMARK
01	VCO	A0	C0	PLL	Adjust
02	VCOM	89	89	COMMON	Adjust
03	BRIGHT	97	97	BRIGHT	Adjust
04	R-SUB	A7	A7	R-SUB CONT	Adjust
05	B-SUB	A4	A4	B-SUB CONT	Adjust
06	COLOR	80	8E	COLOR	Adjust
07	TINT	00	8E	TINT	Adjust NTSC only
08	CONTRAST	96	96	CONTRAST	Fix initial value
09	GAMMA	82	82	GAMMA	Fix initial value
0A	LED CONTROL	FF	FF	LED control when powered	
0B	BRIGHT MIN	01	01	Bright variation of MIN direction for USER	
0C	BRIGHT MAX	01	01	Bright variation of MAX direction for USER	
0D	COLOR MIN	02	05	Color variation of MIN direction for USER	
0E	COLOR MAX	02	06	Color variation of MAX direction for USER	
0F	TINT MIN	00	06	Tint variation of MIN direction for USER	
10	TINT MAX	00	04	Tint variation of MAX direction for USER	
11	CHECK1	19	19	CHECK1	Fix initial value
12	CHECK2	20	20	CHECK2	Fix initial value

*The adjustment sequence is VCO->VCOM->BRIGHT->R-SUB->B-SUB->COLOR->TINT.

4. Location of Adjustment TP



Note: In LCD adjustment mode, when shorting "A" of PCB to GND and pressing the START/STOP button. Store in EEPROM. Reset after adjustment is complete.

4-2-4 (b) Adjustment

1. VCO

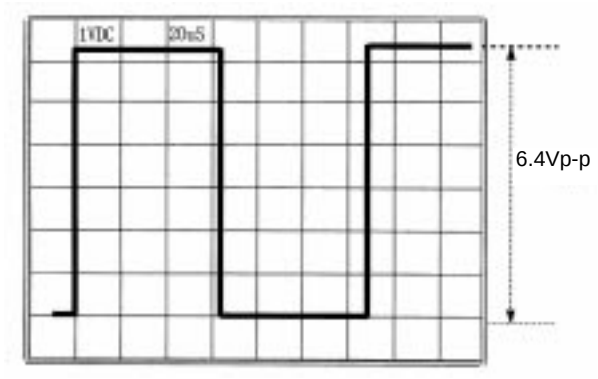
1) TP-VCO & EVR
2) Connect an voltmeter to TP-VCO.
3) Adjust the EVR so that DC voltage is DC 1.6±0.05 V.

2. VCOM

1) TP-COM & EVR
2) Connect an voltmeter to TP-COM.
3) Adjust the EVR so that DC voltage is DC 1.45±0.05 V.

3. Brightness

1) TP-COM & EVR
2) Connect an oscilloscope probe to TP-COM.
3) Adjust the EVR so that level is 6.4± 0.1 Vp-p.

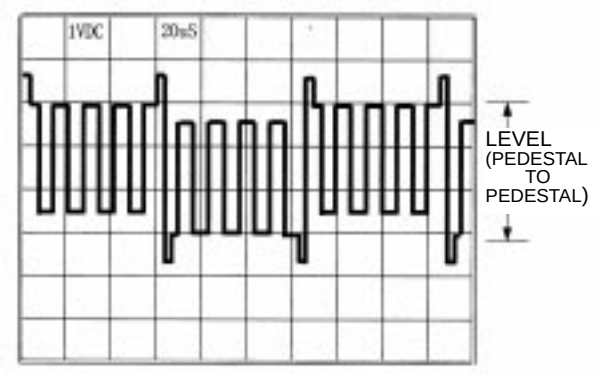


4. R-Sub Brightness

1) TP-R & EVR
2) Connect an oscilloscope probe to TP-R.
3) Adjust the EVR so that pedestal level is equal to TP-G level.

5. B-Sub Brightness

1) TP-B & EVR
2) Connect an oscilloscope probe to TP-B.
3) Adjust the EVR so that pedestal level is equal to TP-G level.



6. Color

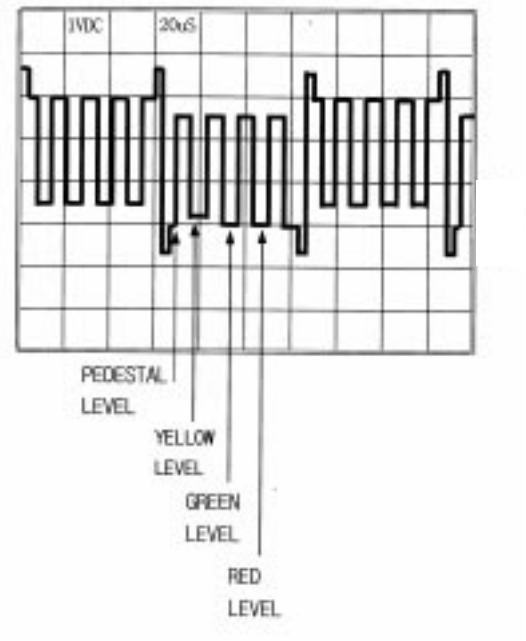
a) TP-B & EVR
b) Connect an oscilloscope probe to TP-B.
c) Adjust the EVR so that yellow level is equal to pedestal level.

7. Tint (NTSC only)

a) TP-B & EVR
b) Connect an oscilloscope probe to TP-B.
c) Adjust the EVR so that green level is equal to red level.

8. C-COM (PAL only)

a) TP-B & LL205
b) Connect an oscilloscope probe to TP-B.
c) Adjust the EVR so that red carrier level is minimized.



4-3. VCR Section Adjustment

4-3-1 Preparations

1. Equipment :

1) Monitor TV.
2) Dual trace oscilloscope of over 20MHz band, incorporates delay mode.
   (Use 10 : 1 probe unless otherwise specified.)
3) Frequency counter
4) DC power supply.
5) Alignment tape (Colour bar : SP)
6) 8mm Video Tape for record.

2. Composition of VCR P.C.Boards

1) Main PCB (DC / DC connector, system control, servo, video, audio, camera)
2) Rear PCB
3) Function PCB
4) Front PCB

3. How to get into service "**ADJUST**" mode.

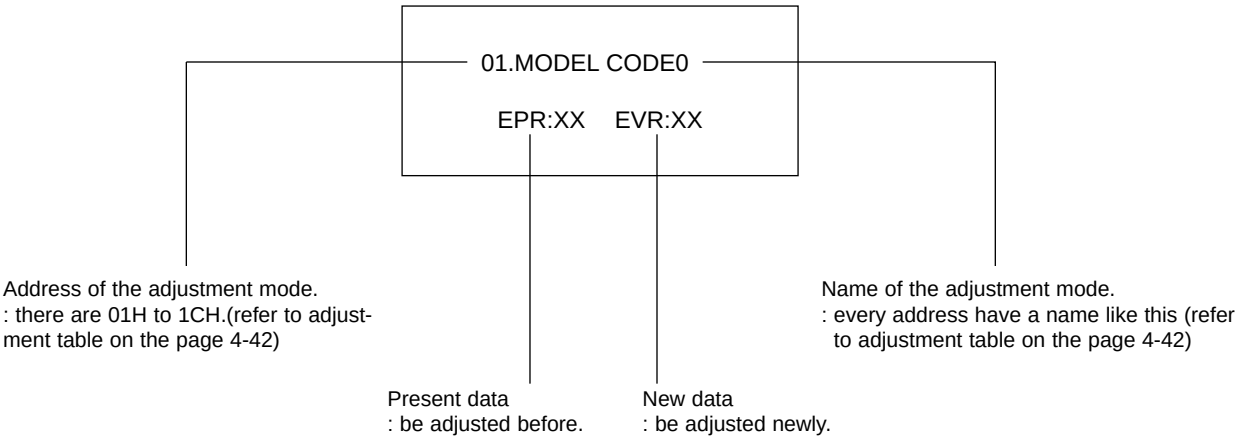
STEP 1

1. Connect the power source (battery/DC cable).
2. Set the power switch of the camcorder to PLAYER position.
3. Press the eject key to eject mode.

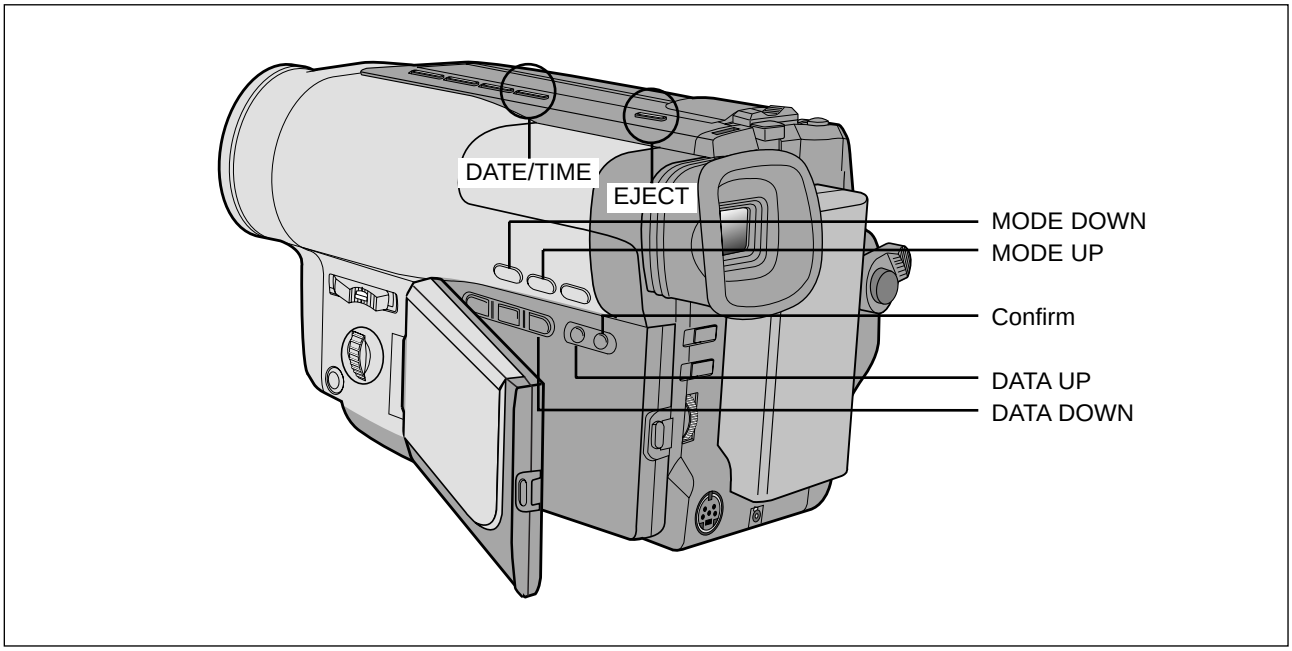
STEP 2

1. Press and hold "STOP(DATE/TIME)" button on the Camcorder and "EJECT" button on the Camcorder at the same time for more than 5 seconds.
2. If the color bar generated internally appears on the monitor and adjustment mode displayed like the figure below, VCR adjustment mode has been successfully activated.
3. Insert tape into housing ass'y and then perform the adjustments.

TV or LCD/EVF monitor


01.MODEL CODE0
EPR:XX EVR:XX
Address of the adjustment mode.
: there are 01H to 1CH.(refer to adjustment table on the page 4-42)
Name of the adjustment mode.
: every address have a name like this (refer to adjustment table on the page 4-42)
Present data
: be adjusted before.
New data
: be adjusted newly.

4. The location of function button.



Note : In service adjustment mode, button name are different from those in customer function control mode.
EX) “PROGRAM AE ” button is the same as CONFIRM.

5. If you want to finish the adjustment mode, you have to do Battery Reset.
The Battery Reset means that you pull out the power source and pull in it again.
Then, the adjustment ended and the camcorder works normally.

4-3-2 VCR Section

Note 1 : From this point forward, the structure of every adjustment is as follows.

Step	Adjustment Item
1. Mode and input signal / alignment tape 2. Test point and ADJ. part 3. Result and Remarks	ADJ. point → Test point

Note 2 : How to connect video out signal.

-Connect the video cable to ass'y A / V Jack.

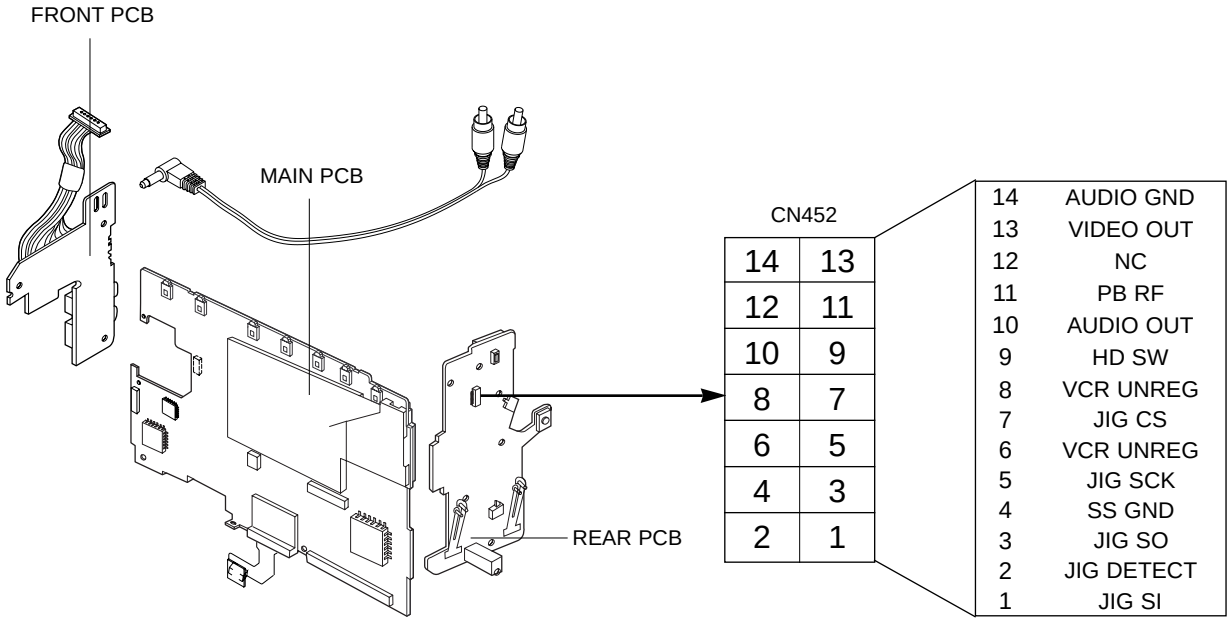


Fig. 1 Video Signal Connection

Note 3 : How to record -1. Insert a recordable tape.
-2. Press the SW474 (START / STOP) button on the Rear board in the adjustment mode.

4-3-3 Adjustment

1. Kinds of adjustment

ADDRESS	NAME	NORMAL MODEL		HI 8 MODEL	
		NTSC	PAL	NTSC	PAL
01	MODEL CODE0	Model code setting			
02	MODEL CODE1	Model code setting			
03	HD SWP	Adjustment			
04	COLOR BAR LEVEL	8B	8B	8B	8B
05	Y-EMPHASIS IN (NOR)	Adjustment			
06	PB OUT-LEVEL (NOR)	Adjustment			
07	Y-EMPHASIS IN (HI8)	-	-	Adjustment	
08	PB OUT LEVEL (HI8)	-	-	Adjustment	
09	VIDEO OUT LEVEL	Adjustment			
0A	Y-FM CARRIER (NOR)	Adjustment			
0B	Y-FM DEVIAT (NOR)	Adjustment			
0C	Y-FM CARRIER (HI8)	-	-	Adjustment	
0D	Y-FM DEVIAT (HI8)	-	-	Adjustment	
0E	AUDIO BPF-ADJ	Adjustment			
0F	C-EMPHASIS	CD	CD	A9	CD
10	WHITE CLIP (NOR)	80	80	80	80
11	REC C LEVEL	B0	99	C0	D0
12	REC Y FM LEVEL	C9	C9	A8	A8
13	PB DEL ADJ	65	65	85	85
14	D CLIP (NOR)	65	65	65	65
15	DEL ADJ	85	65	85	85
16	SMEAR CONT	99	99	90	90
17	MTQ (PB)	-	-	D0	D0
18	MTF0 (NOR)	-	-	7A	7A
19	WHITE CLIP (HI8)	-	-	60	55
1A	MTF0 (HI8)	-	-	9A	9A
1B	D CLIP (HI8)	-	-	8E	8E
1C	MODEL CODE	-	-	-	-
1D	TITLE LANGUAGE	-	-	-	-
1E	HD SWP (SUB DATA)	0C	0C	0C	0C
1F	BATTERY END LEVEL	91	91	91	91
1C	ATF REF.	-	-	-	-

2. Adjustment

* Please keep the order according to explanation.

TAPE	NONE
EQUIPMENT	POWER SOURCE
OTHER	NONE
TEST POINT	NONE
ADDRESS	01
NAME	MODEL CODE0

2-1. Model Code 0

a. Preparation

b. Connect a power source.
c. Get into the VCR adjustment mode.
d. Press the “FADE(MODE UP)” or “BLC(MODE DOWN)” button of FUNCTION so as to select the address 01.
e. Press the “TILTLE(DATA DOWN)/ DSE(DATA UP)” so that OSD shows“ ”ERR:XX EVR: XX” “XX” is different dependent on the model as below.

Model Name	Addressed code	Model Name	Addressed code
VP-L500	02	SCL500	02
VP-L520	02	SCL520	02
VP-L530	33	SCL530	73
VP-L530B	33	SCL550	77
VP-L550	77		

f. Be sure to press the “PROGRAM AE(CONFIRM)” button on FUNCTION to memorize setting.
g. Reset the power source so as to fix the new data to the camcorder’s EEPROM.

2-2. Model Code 1

a. Preparation
b. Connect a power source.
c. Get into the VCR adjustment mode.
d. Press the “FADE(MODE UP)” or “BLC(MODE DOWN)” button of FUNCTION so as to select the address 02.
e. Press the “TITLE(DATA DOWN)/ DSE(DATA UP)” so that OSD shows“ ”ERR:XX EVR: XX” “XX” is different dependent on the model as below.

Model Name	Addressed code	Model Name	Addressed code
VP-L500	A4	SCL500	A2
VP-L520	E4	SCL520	A4
VP-L530	E4	SCL530	E4
VP-L530B	E4	SCL550	E4
VP-L550	E4		

f. Be sure to press the “PROGRAM AE(CONFIRM)” button on FUNCTION to memorize setting.
g. Reset the power source so as to fix the new data to the camcorder’s EEPROM.

2-3. Head Switching Point

: This adjustment is performed after the replacement of deck mechanism.
• Without this adjustment, there will be a noise in playback picture.

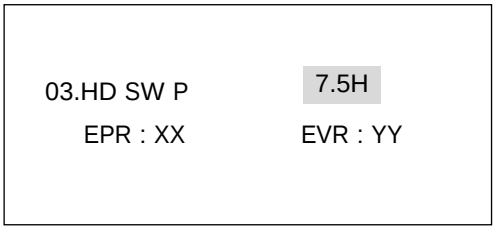
a. Preparations

TAPE	STANDARD COLOR BAR TAPE RECORDED WITH SP SPEED
EQUIPMENT	POWER SOURCE
OTHER	NONE
TEST POINT	NONE
ADDRESS	03
NAME	HD SWP

b. Connect a power source.
c. Get into the VCR adjustment mode.
d. Press the “FADE(MODE UP)” or “BLC(MODE DOWN)” button of FUNCTION so as to select the address 03.
e. Insert the Standard Color Bar Tape and press the “PLAY” button.

Note : If there is no video out, when you pressed the “PLAY” button, you can not adjust the Head Switching Point.
It may be caused by maladjusted VIDEO block.
In this case, adjust the VIDEO block before the Head Switching Point.
VIDEO block adjustments are 2-3~2-11.

f. The data of Head Switch is set to 7.2H~7.7H automatically.



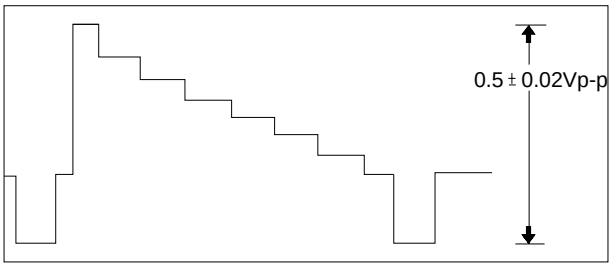
g. Be sure to press the “PROGRAM AE(CONFIRM)” button on FUNCTION to memorize setting.
h. Reset the power source so as to fix the new data to the camcorder’s EEPROM.

TAPE	8MM (NORMAL) TAPE
EQUIPMENT	OSCILLOSCOPE
OTHER	
TEST POINT	IC 201 PIN 13
ADDRESS	05
NAME	Y-EMPHASIS IN (NOR)

2-4. Adjusting Y-Emphasis Input (NORMAL)

: This adjustment is performed to set the Y level which is recorded in tape.
Maladjusted Y level impact to the next adjustment.

a. Preparations
b. Connect a power source.
c. Get into the VCR adjustment mode.
d. Press the "FADE(MODE UP)" or "BLC(MODE DOWN)" button of FUNCTION so as to select the address 05.
e. Insert a Normal Tape to the camcorder.
f. Connect the oscilloscope to the addressed Test Point.
g. Press the "TITLE(DATA DOWN)/DSE(DATA UP)" button so that the IC201 PIN13 is 0.5±0.02Vp-p from SYNC tip to peak level.



h. Be sure to press the "PROGRAM AE(CONFIRM)" button on FUNCTION to memorize setting.
i. Reset the power source so as to fix the new data to the EEPROM.

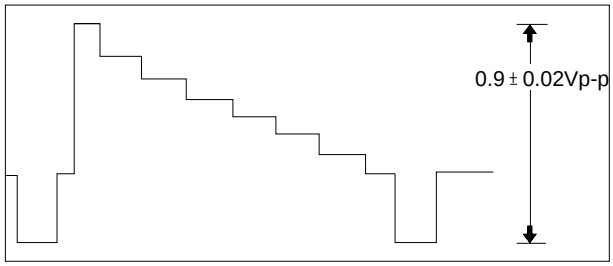
2-5. PB OUT LEVEL (NORMAL)
(Hi8 NORMAL PLAY BACK)
(NOMAL PLAY BACK OF Hi8 SET)

: This adjustment is perform to set the A/D input level to the regulated level.

a. Preparations

TAPE	STANDARD COLOR BAR TAPE RECORDED WITH SP SPEED
EQUIPMENT	OSCILLOSCOPE
TEST POINT	Q272 EMITTER
	R248 (Hi8 : NORMAL PLAYBACK)
ADDRESS	06
NAME	PB OUT-LEVEL (NOR)

b. Connect a power source.
c. Get into the VCR adjustment mode.
d. Press the "FADE(MODE UP)" or "BLC(MODE DOWN)" button of FUNCTION so as to select the address 06.
e. Insert the Standard Color Bar Tape and press the "PLAY" button.
f. Connect the oscilloscope to the addressed Test Point.
g. Press the "TITLE(DATA DOWN)/DSE(DATA UP)" button so that the Q272 Emitter is 0.9±0.02Vp-p from SYNC to peak level.



h. Be sure to press the "PROGRAM AE(CONFIRM)" button on FUNCTION to memorize setting.
i. Reset the power source so as to fix the new data to the camcorder's EEPROM.

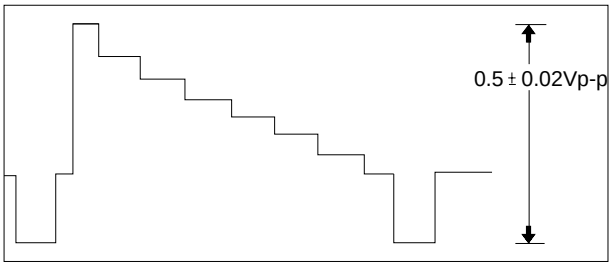
2-6. Y-EMPHASIS INPUT (HI8)

a. Preparations

TAPE	HI8 TAPE
EQUIPMENT	OSCILLOSCOPE
OTHER	NONE
TEST POINT	IC201 PIN13
ADDRESS	07
NAME	Y-EMPHASIS IN (HI8)

b. Connect a power source.
c. Get into the VCR adjustment mode.

d. Press the “FADE(MODE UP)” or “BLC(MODE DOWN)” button of FUNCTION so as to select the address 07.
e. Insert the Hi-8 tape to the camcorder
f. Connect the oscilloscope to the addressed Test Point.
g. “TITLE(DATA DOWN)/DSE(DATA UP)” button so that the IC201 PIN13 is 0.5±0.02Vp-p from SYNC tip to peak level.



h. Be sure to press the “PROGRAM AE(CONFIRM)” button on FUNCTION to memorize setting.
i. Reset the power source so as to fix the new data to the camcorder’s EEPROM.

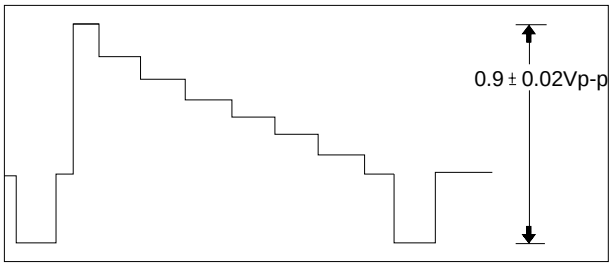
2-7. PB Output Level (Hi8)

: This adjustment is performed to set the A/D input level to the regulated level.

a. Preparations

TAPE	STANDARD COLOR BAR TAPE RECORDED WITH SP SPEED
EQUIPMENT	OSCILLOSCOPE
TEST POINT	R248
ADDRESS	06
NAME	PB OUT-LEVEL (NOR)

b. Connect a power source.
c. Get into the VCR adjustment mode.
d. Press the “FADE(MODE UP)” or “BLC (MODE DOWN)” button of FUNCTION so as to select the address 08.
e. Insert a Hi-8 standard color bar tape and press the PLAY button.
f. Connect the oscilloscope counter to the addressed Test Point.
g. Press the “TITLE(DATA DOWN)/DSE(DATA UP)” button so that the CN452 PIN13 is 0.9±0.02Vp-p from SYNC to peak level.



h. Be sure to press the “PROGRAM AE(CONFIRM)” button on FUNCTION to memorize setting.
i. Reset the power source so as to fix the new data to the camcorder’s EEPROM.

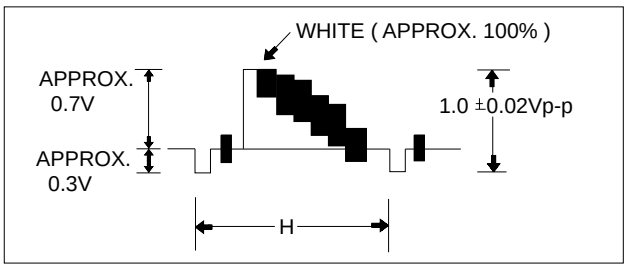
2-8. VIDEO Out Level

: This adjustment is performed to set the VIDEO out level to the regulated level.

a. Preparations

TAPE	STANDARD COLOR BAR TAPE RECORDED WITH SP SPEED
EQUIPMENT	OSCILLOSCOPE
OTHER	CONNET THE MOINTER(75Ω)
TEST POINT	CN452 PIN13
ADDRESS	09
NAME	VIDEO OUT LEVEL

b. Connect a power source.
c. Get into the VCR adjustment mode.
d. Press the “FADE(MODE UP)” “BLC (MODE DOWN)” button of FUNCTION so as to select the address 09.
e. Insert a standard color bar tape and press the PLAY button.
f. Connect the oscilloscope counter to the addressed Test Point.
g. Press the “TITLE(DATA DOWN)/DSE(DATA UP)” button so that the CN452 PIN13 is 1.0±0.02Vp-p from SYNC to peak level.



h. Be sure to press the “PROGRAM AE(CONFIRM)” button on FUNCTION to memorize setting.
i. Reset the power source so as to fix the new data to the camcorder’s EEPROM.

2-9. Y-FM Carrier (NOR)

: This adjustment is performed to set the sync-tip level of the composite video signal. Maladjusted Y-FM carrier impact to the playback picture, there may be black or white dot noise.

a. Preparations

TAPE	NORMAL TAPE FOR RECORDING
EQUIPMENT	OSCILLOSCOPE
OTHER	NONE
TEST POINT	IC201 PIN41
ADDRESS	0A
NAME	Y-FM CARRIER (NOR)

b. Connect a power source.
c. Get into the VCR adjustment mode.
d. Press the “FADE(MODE UP)” “BLC (MODE DOWN)” button of FUNCTION so as to select the address 0A.
e. Insert a Normal Tape to the camcorder.
f. Press the “START/STOP” button on the Rear board so as to set the camcorder to RECORDING mode.
g. Connect the frequency counter to the addressed Test Point.
h. Press the “TITLE(DATA DOWN)/ DSE(DATA UP)” button so as to set the frequency to 4.38MHz±0.02MHz.
i. Be sure to press the “PROGRAM AE(CONFIRM)” button of FUNCTION to memorize setting.
j. Reset the power source so as to fix the new data to the camcorder’s EEPROM.

2-10. Y-FM DEVIATION (NOR)

: This adjustment sets the Y-FM modulation level in recording. For adjustment, playback the self-recorded signal and observe the VIDEO OUT signal.

* Note : It is a little difficult to adjust because you can check the waveform in playback mode even though the adjustment is performed in VCR record mode.
So you have to do it carefully.

a. Preparations

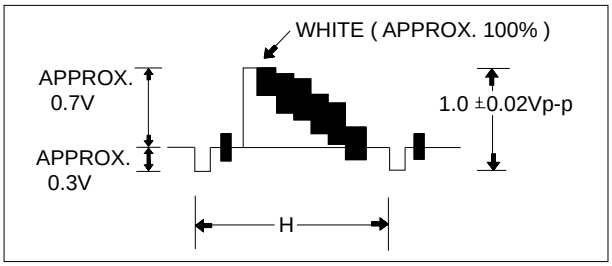
TAPE	NORMAL TAPE FOR RECORDING
EQUIPMENT	OSCILLOSCOPE
OTHER	NONE
TEST POINT	CN452 PIN13
ADDRESS	0B
NAME	Y-FM DEVIAT (NOR)

b. Connect a power source.
c. Get into the VCR adjustment mode.
d. Press the “FADE(MODE UP)” or “BLC(MODE DOWN)” button of FUNCTION so as to select the address 0B.
e. Insert a NORMAL Tape to the camcorder.
f. Press the “START/STOP” button on the Rear board so as to set the camcorder to RECORDING mode.
g. Record for enough time to check the waveform when you playback where you recorded in step f).
* 1 minute may be enough to check the waveform in playback mode.
h. Connect the oscilloscope to the addressed Test Point.
i. Make sure that the waveform is to be as typical wave form on the next page.
(If OK, go to step l).
j. In case of the waveform level is bigger than 1Vp-p, press the Data Down button so as to set to down the waveform level and if the waveform level smaller than 1Vp-p, press the Data Up button so as to set to up the waveform level.
k. Repeat step g), h), i).

CN452

14	13
12	11
10	9
8	7
6	5
4	3
2	1

14	VIDEO GND
13	VIDEO OUT
12	NC
11	PB RF
10	AUDIO OUT
9	HD SW
8	VCR UNREG
7	JIG CS
6	VCR UNREG
5	JIG SCK
4	SS GND
3	JIG SO
2	JIG DETECT
1	JIG SI



l. Be sure to press the “PROGRAM AE(CONFIRM)” button on FUNCTION to memorize setting.
m. Reset the power source so as to fix the new data to the camcorder’s EEPROM.2-11. Y-FM Carrier (Hi8)

2-11. Y-FM Carrier (Hi8)

: This adjustment is performed to set the sync-tip level of the composite video signal. Maladjusted Y-FM carrier impact to the playback picture, there may be black or white dot noise.

a. Preparations

TAPE	HI8 TAPE FOR RECORDING
EQUIPMENT	FREQUENCY COUNTER
OTHER	NONE
TEST POINT	IC 201 PIN 13
ADDRESS	OC
NAME	Y-FM CARRIER (HI-8)

b. Connect a power source.
c. Get into the VCR adjustment mode.
d. Press the “FADE(MODE UP)” or ”BLC(MODE DOWN)” button of FUNCTION so as to select the address OC.
e. Insert aHi-8 Tape to the camcorder.
f. Press the “START/STOP” button on the Rear board so as to set the camcorder to RECORDING mode.
g. Connect the frequency counter to the addressed Test Point.
h. Press the “TITLE(DATA DOWN)/DSE(DATA UP)” button so as to set the frequency to 5.99MHz ±0.02MHz
i. Be sure to press the “P.AE(CONFIRM)” button on FUNCTION to memorize setting.
j. Reset the power source so as to fix the new data to the camcorder’s EEPROM.

2-12. Y-FM Deviation (Hi8)

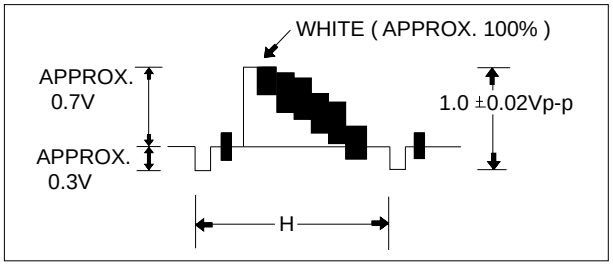
: This adjustment sets the Y_FM modulation level in recording. For adjustment, playback the self-recorded signal and observe the VIDEO OUT signal.

Note : It is a little difficult to adjust because you can check the waveform in playback mode even though the adjustment is performed in VCR record mode.
So you have to do it carefully.

a. Preparations

TAPE	HI-8 TAPE FOR RECORDING
EQUIPMENT	OSCILLOSCOPE
OTHER	NONE
TEST POINT	CN452 PIN13
ADDRESS	OD
NAME	Y-FM DEVIAT (HI8)

b. Connect a power source.
c. Get into the VCR adjustment mode.
d. Press the “FADE(MODE UP)” or “BLC(MODE DOWN)” button of FUNCTION so as to select the address OD.
e. Insert a Hi-8 Tape to the camcorder.
f. Press the “START/STOP” button on the Rear board so as to set the camcorder to RECORDING mode.
g. Record for enough time to check the waveform when you playback where you recorded in step f).
* 1 minute may be enough to check the waveform in playback mode.
i. Make sure that the waveform is to be as below. (If OK, go to step l).
j. In case of the waveform level is bigger than 1Vp-p, press the Data Down button so as to set to down the waveform level and if the waveform level smaller than 1Vp-p, press the Data Up button so as to set to up the waveform level.



k. Repeat step g), h), i).

l. Be sure to press the “PROGRAM AE(CONFIRM)” button on FUNCTION to memorize setting.
m. Reset the power source so as to fix the new data to the camcorder’s EEPROM.

2-13. BAND Pass Filter

: This adjustment is performed to set the bandwidth of the 1.5MHz BPF.
By this adjustment, we can playback the audio without distortion.

a. Preparations

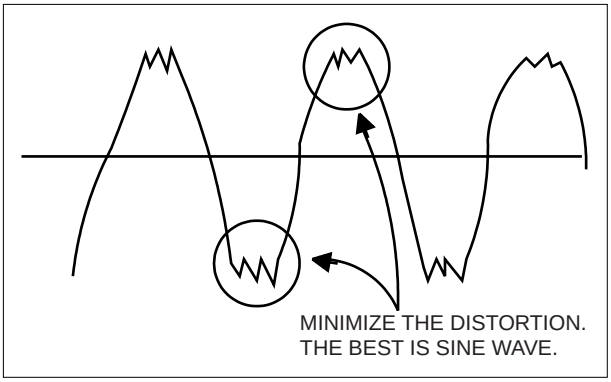
TAPE	STANDARD COLOR BAR TAPE(MONAURAL)
EQUIPMENT	OSCILLOSCOPE
OTHER	NONE
TEST POINT	CN452 PIN 10
ADDRESS	0E
NAME	BPF ADJ

b. Connect a power source.
c. Get into the VCR adjustment mode.
d. Press the “FADE(MODE UP)” or ”BLC(MODE DOWN)” button of FUNCTION so as to select the address 0E.
e. Insert the Standard Color Bar Tape(monaural) and press the “PLAY” button.
f. Connect the oscilloscope to the addressed Test Point.
g. Press the “TITLE(DATA DOWN)/DSE(DATA UP)” button so as to set the waveform to be as below.

CN452

14	13
12	11
10	9
8	7
6	5
4	3
2	1

14	VIDEO GND
13	VIDEO OUT
12	NC
11	PB RF
10	AUDIO OUT
9	HD SW
8	VCR UNREG
7	JIG CS
6	VCR UNREG
5	JIG SCK
4	SS GND
3	JIG SO
2	JIG DETECT
1	JIG SI



h. Be sure to press the “PROGRAM AE(CONFIRM)” button on FUNCTION to memorize setting.
i. Reset the power source so as to fix the new data to the EEPROM.

5. Exploded View and Parts List

5-1 Cabinet Assembly (1) - 5-2

5-2 Cabinet Assembly (2) - 5-4

5-3 Cabinet Assembly (3) - 5-6

5-4 Cabinet Assembly (4) - 5-8

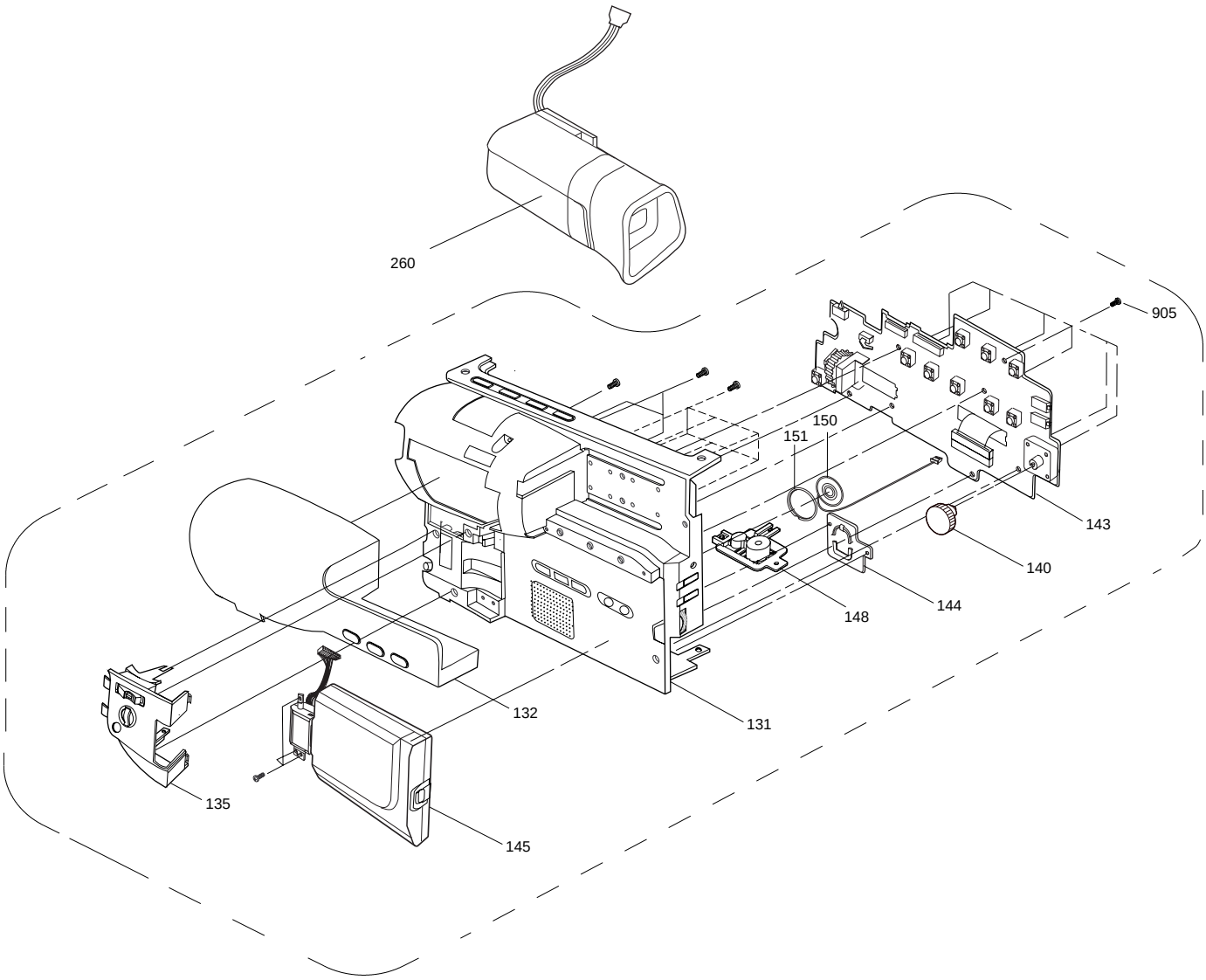
5-5 EVF - 5-10

5-6 Mechanical Parts (1) - 5-12

5-7 Mechanical Parts (2) - 5-14

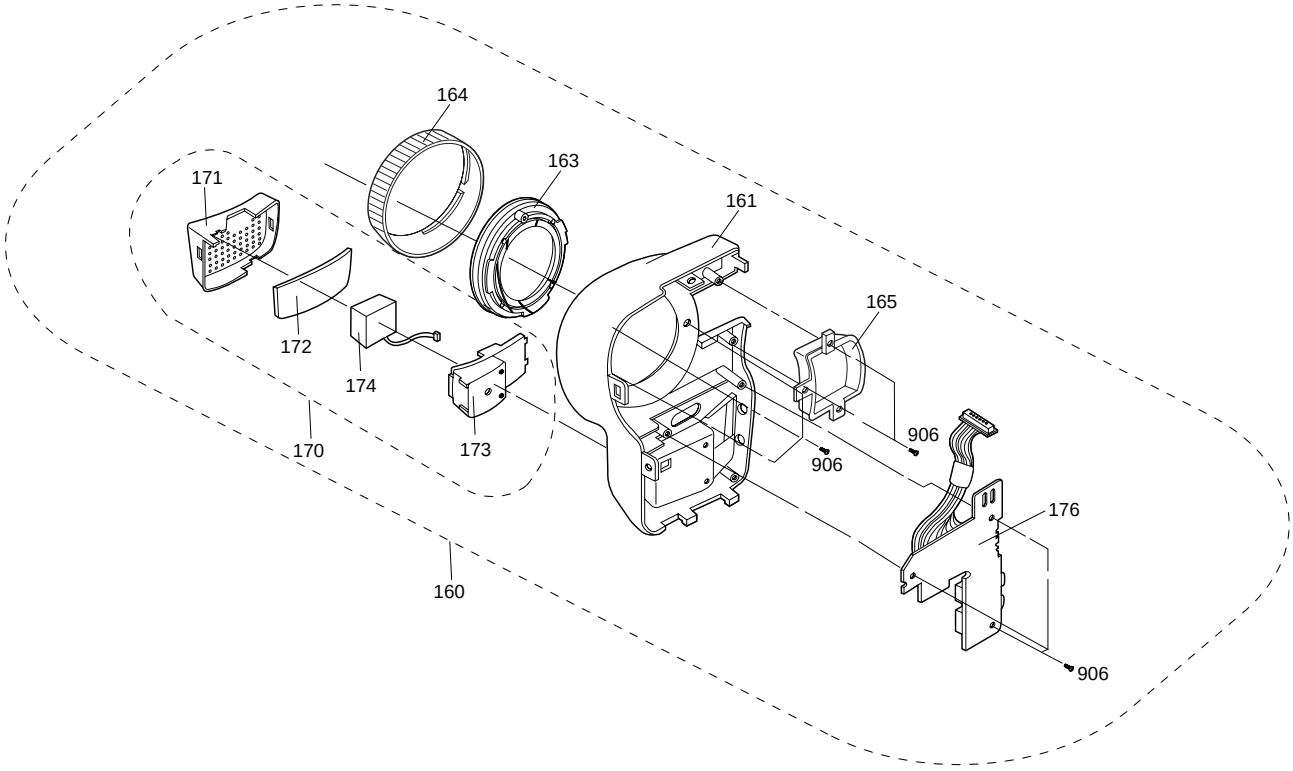
5-8 Mechanical Parts (3) - 5-16

5-1 Cabinet Assembly (1)



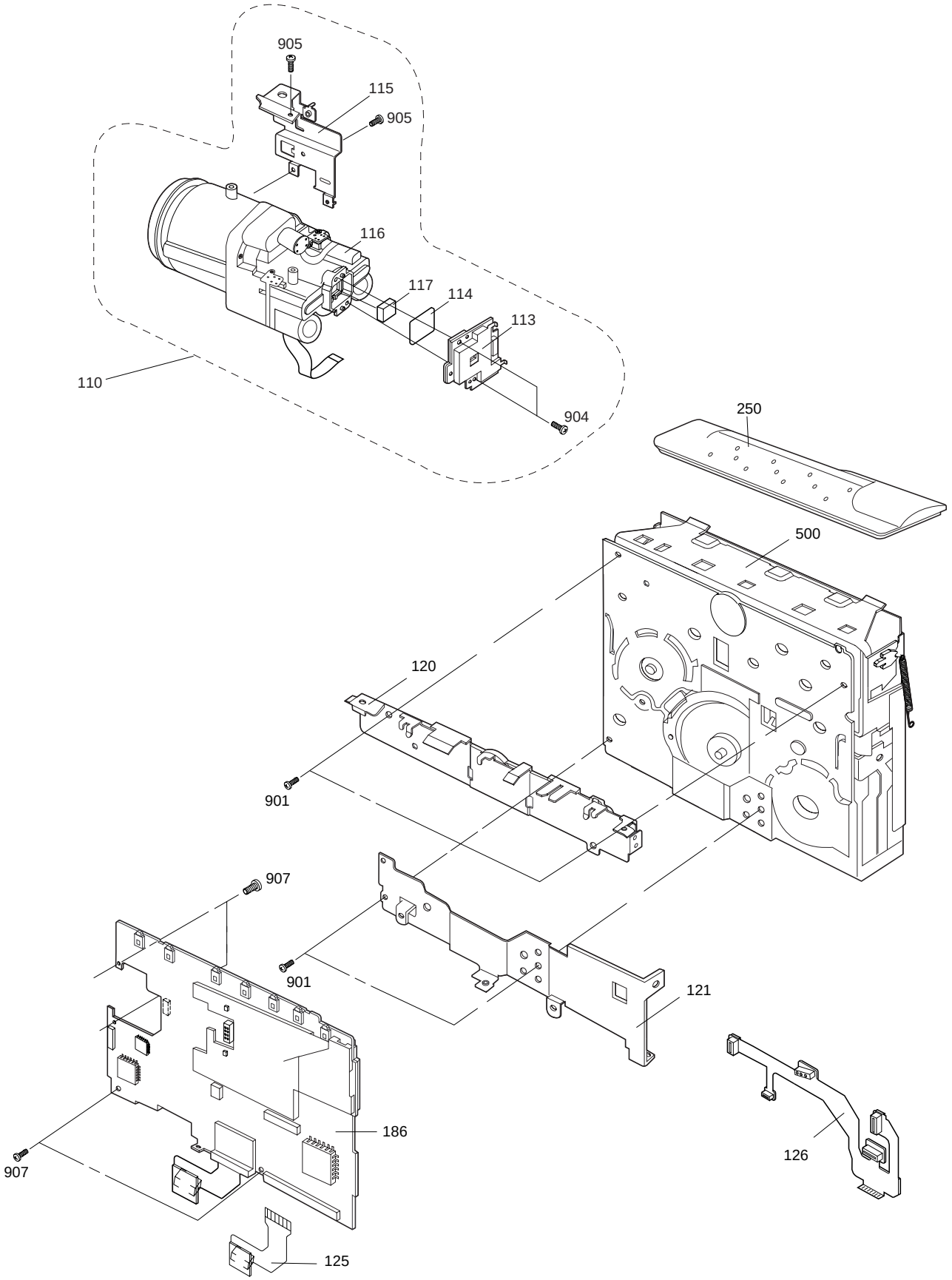
Loc. No	New Part No	Description and Specification	Remark
131	AD64-00234A	CASE-LEFT(M2);-,ABS94HB BLK,-,-,-,-,-,M2	ALL
132	AD97-01807A	ASSY-COVER TOP;-,VP-L500,-	SCL500/L520/VP-L500/L520
	AD97-01808A	ASSY-COVER TOP;-,VP-L530,-	VP-L530
	AD97-02070A	ASSY-COVER TOP;-,VP-L530B/SEUK,-	VP-L530B
	AD97-01810A	ASSY-COVER TOP;-,SC-L530,-	SCL530/L550
	AD97-01809A	ASSY-COVER TOP;-,VP-L550,-	VP-L550
135	AD97-01814A	ASSY-COVER BOTTOM;-,EXE,-	SCL500/L520/L530/L550 VP-L500/L520/L530/L550
	AD97-02071A	ASSY-COVER BOTTOM;-,VP-L530B/SEUK,-	VP-L530B
140	AD64-00177A	KNOB--MENU;-,ABS 94HB,-,-,-,M1-PJ,-	ALL
143	AD97-01594A	ASSY-FUNCTION BOARD;VP-L520,-,M2-PJ	ALL
144	AD39-20825P	LEAD CONNECTOR-ASSY;-,51021,-,2P,60mm,15	ALL
145	AD97-01535A	ASSY-LCD;M2-PJ,NTSC,-	SCL550
	AD97-01536A	ASSY-LCD;M2-PJ,PAL,-	VP-L550
	AD97-01890A	ASSY-LCD;ASSY,VP-L500/XEU,M2-PJ	VP-L500
	AD97-01891A	ASSY-LCD;ASSY,VP-L520/XEU,M2-PJ	VP-L520
	AD97-01892A	ASSY-LCD;ASSY,VP-L530/XEU,M2-PJ	VP-L530
	AD97-01893A	ASSY-LCD;ASSY,SC-L520/XAA,M2-PJ/B&W	SCL500/L520
	AD97-01894A	ASSY-LCD;ASSY,SC-L530/XAA,M2-PJ/B&W	SCL530
	AD97-02031A	ASSY-LCD;ASSY,VP-L530B,PAL,B&W	VP-L530B
148	AD97-01574A	ASSY-TRIPOD;CS2000,-,GRAY	ALL
150	AD97-00746A	ASSY-SPEAKER;-,SC-L315C,2816S	ALL
151	AD73-10048A	RUBBER-SPACKER;RUBBER,-,SC-L300,-	ALL
260	AD97-01323A	ASSY-EVF;M2,NTSC/BW,-	SCL500/L520/L530/L550
	AD97-01324A	ASSY-EVF;M2,PAL/BW,-	VP-L500/L520/L530/L550
	AD97-02030A	ASSY-EVF;ASSY,VP-L530B,PAL,B&W	VP-L530B
903	AC60-10020A	SCREW-MACHINE;BH,+,M2,X5,FZB,FE,UP,-,-	ALL
905	AC60-10054A	SCREW-TAPPING;BH,+,-,M2,X6,FZB	ALL

5-2 Cabinet Assembly (2)



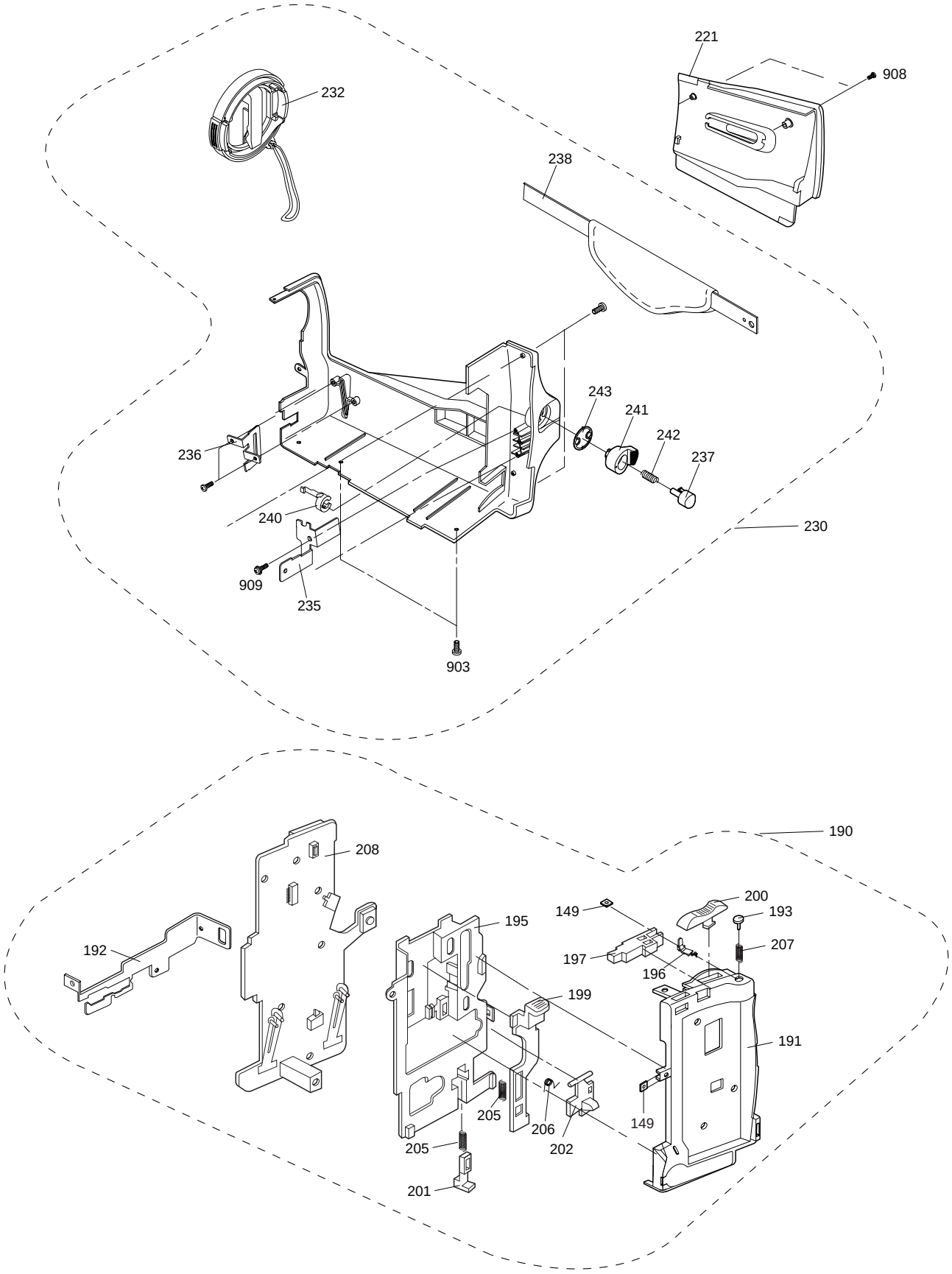
Loc. No	New Part No	Description and Specification	Remark
160	AD97-01319A	ASSY-CASE FRONT;M2-PJ,-,-	SCL530/L550/VP-L520/L530/L550
	AD97-02073A	ASSY-CASE FRONT;-,SCL500,-	SCL500
	AD97-02083A	ASSY-CASE FRONT;ABS 94HB D/GRAY,VP-L530B	VP-L530B
	AD97-01889A	ASSY-CASE FRONT;-,M2-PJ,NO-REMOCON	SCL520/VP-L500
161	AD64-00242A	CASE-FRONT;-,ABS94HB BLK,-,-,-,-,-,M2-PJ	SCL520/L530/L550 VP-L500/L520/L530/L550
	AD64-00242C	CASE-FRONT;-,ABS94HB L/BLUE,-,-,-,-,-,M2	VP-L530B
	AD64-00242E	CASE-FRONT;-,ABS94HB BLK,-,-,-,-,-,SC-L5	SCL500
163	AD67-00038A	LENS--HOOD(22X);-,-,ABS94HB,-,-,M1-PJ,-,	ALL
164	AD67-00039A	LENS--HOOD(AL);-,-,A6063A-T5(AL10),-,-,-	ALL
165	AD63-00061A	COVER--DUMMY LAMP;-,-,-,-,-,-,ABS94HB,M1	SCL520/L530/L550 VP-L500/L520/L530/L550
	AD64-00194B	MASK-LAMP;-,ABS94HB,-,-,220X,SILK,SPRAY,	SCL500
	AD63-00061B	COVER-DUMMY LAMP;-,-,-,-,-,BLUE 440X,ABS	VP-L530B
170	AD97-01201A	ASSY-MIC;M1-PJ,-,MONO	SCL520/L530/L550 VP-L500/L520/L530/L550
	AD97-01993A	ASSY-MIC;-,VP-M51B,MONO, BLUE	VP-L530B
171	AD63-00066A	COVER--MIC;-,-,-,-,-,-,ABS94HB,M1-PJ	SCL520/L530/L550 VP-L500/L520/L530/L550
	AD63-00066B	COVER-MIC;-,-,-,-,-,BLUE,ABS94HB,VP-M51B	VP-L530B
172	AD63-00076A	SHEET-MIC;-,SPONGE,1,-,-,-,-,M1-PJ	ALL
173	AD61-00207A	HOLDER--MIC;-,-,-,-,-,ABS94HB,M1-PJ	ALL
174	AD73-00015A	RUBBER--MIC;IIR,-,M1-PJ,-	ALL
176	AD97-01150A	ASSY-FRONT;M-P/J,-,-	SCL520/L530/L550 VP-L520/L530/L550
	AD97-01749A	ASSY-FRONT BOARD;SC-M51,-,-	SCL500/L520/VP-L500
906	AC60-10061A	SCREW-TAPPING;BH,+,-,M2,X5,ZPC	ALL

5-3 Cabinet Assembly (3)



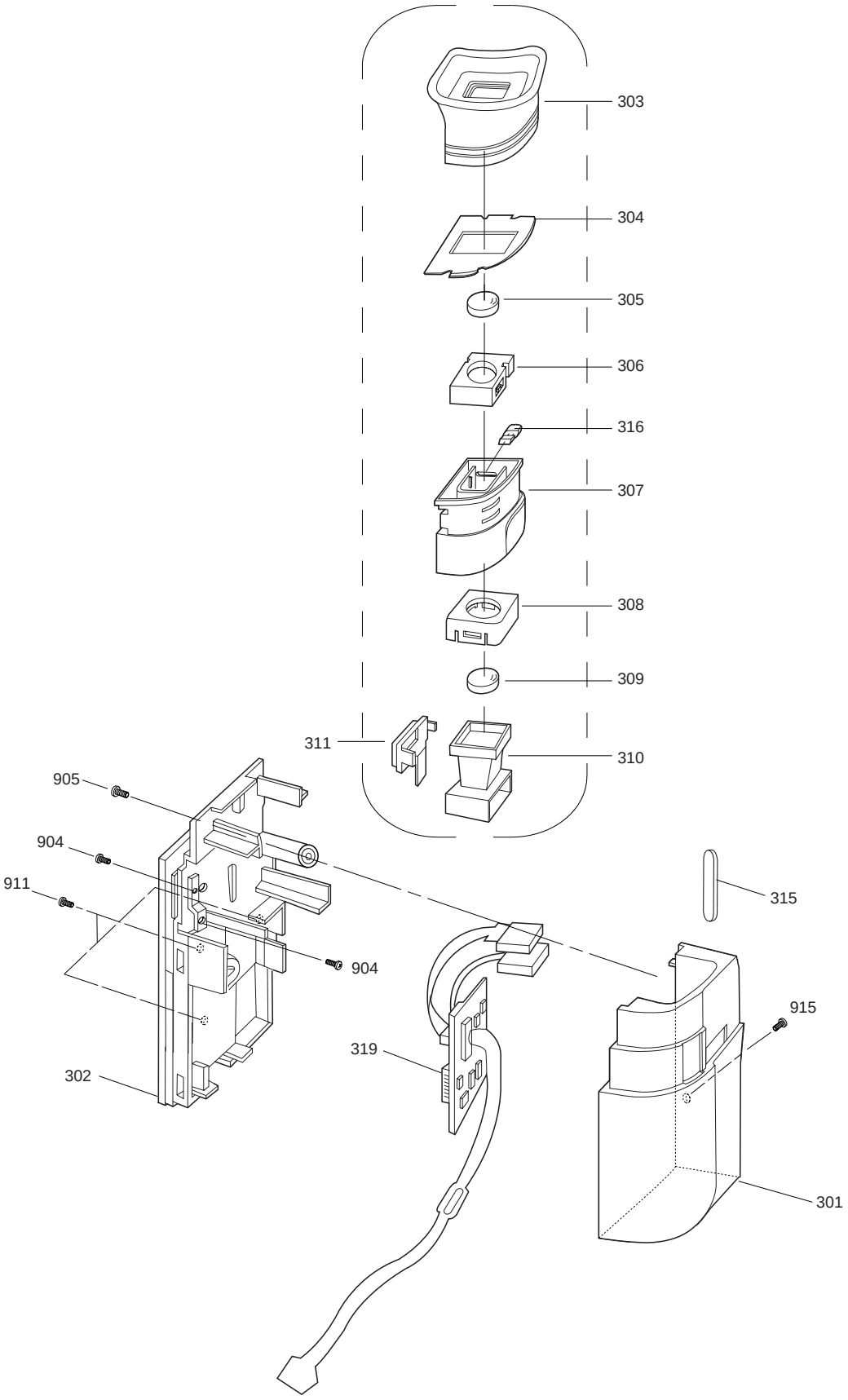
Loc. No	New Part No	Description and Specification	Remark
110	AD97-01106A	ASSY-CAMERA;M-P/J,-,X22,270K,NTSC/NOR	SCL500
	AD97-02091A	ASSY-CAMERA;-,M-P/J,SAMSUNG,PAL/NORMAL	VP-L500/L520/L530
	AD97-02092A	ASSY-CAMERA;-,M-P/J,SAMSUNG,NTSC/NORMAL	SCL520/L530
	AD97-02093A	ASSY-CAMERA;-,M-P/J,SAMSUNG,NTSC/Ni	SCL550
	AD97-02094A	ASSY-CAMERA;-,M-P/J,SAMSUNG,PAL/Ni	VP-L550
113	AD97-01111A	ASSY-CCD BOARD;M-P/J,NTSC,-,NOR,270K	SCL500
	AD97-02099A	ASSY-CCD BOARD,C;-,M-P/J,LENS by KOREA	SCL520/L530/L550
			VP-L500/L520/L530/L530B/L550
114	AD60-00034A	SPACER-CCD;-,-,-,-,BLK,M1-PJ	SCL500/L520/L530
			VP-L500/L520/L530/L530B
	AD63-62008A	SPACER-CCD;-,SILICON,22X,-,-,SC-L350	SCL550/VP-L550
115	AD61-00215A	BRACKET-LENS(22X);-,-,-,T0.5,-,SUS304,M1	ALL
116	AD97-02095A	ASSY-LENS;-,M-P/J,SAMSUNG,PAL/NORMAL	VP-L500/L520/L530/L530B
	AD97-02096A	ASSY-LENS;-,M-P/J,SAMSUNG,NTSC/NORMAL	SCL520/L530
	AD97-02097A	ASSY-LENS;-,M-P/J,SAMSUNG,NTSC/Hi	SCL550
	AD97-02098A	ASSY-LENS;-,M-P/J,SAMSUNG,PAL/Hi	VP-L550
117	AD67-00034A	LENS-ZOOM;-,-,64.39X39.6,5V,-,CS2000,-,2	SCL500
120	AD61-00222A	CHASSIS-TOP;-,SUS304,-,T0.5,-,-,-,-,-,M1	ALL
121	AD61-00321A	CHASSIS-BOTTOM;-,SUS304,-,T0.5,-,-,-,-,D	ALL
125	AD97-01624A	ASSY-FPC ROTARY;VP-M52,-,M-PJ DE-6D	ALL
126	AD92-00005A	ASSY PCB-DECK FPC;M-PJ DE-6D,DECK FPC	ALL
186	AD94-00129A	ASSY-MAIN BOARD;VP-L520,PAL	VP-L520
	AD94-00130A	ASSY-MAIN BOARD;VP-L530,PAL	VP-L530/L530B
	AD94-00131A	ASSY-MAIN BOARD;VP-L550,PAL	VP-L550
	AD94-00132A	ASSY-MAIN BOARD;SC-L520,NTSC	SCL520
	AD94-00133A	ASSY-MAIN BOARD;SC-L540,NTSC	SCL530
	AD94-00134A	ASSY-MAIN BOARD;SC-L550,NTSC	SCL550
	AD94-00142A	ASSY-MAIN BOARD;VP-L500/XEU,M2-PJ	VP-L500
	AD94-00148A	ASSY-MAIN BOARD;SC-L500/XAC,M2-PJ	SCL500
250	AD64-00174A	CASE-TOP;-,ABS 94HB,-,-,-,-,-,M1-PJ	ALL
500	AD97-01691A	ASSY-DECK;DE-6E,-,DECK	SCL550/VP-L550
	AD97-01694A	ASSY-DECK;DE-6E,-,PAL	VP-L500/L520/L530/L530B
	AD97-01695A	ASSY-DECK;DE-6E,-,NTSC	SCL500/L520/L530
901	AC60-10017A	SCREW-MACHINE;BH,+,M1.7,X3.5,FEFZY,SWCH1	ALL
904	AC60-10055A	SCREW-TAPPING;BH,+,-,M2,X4,FZB	ALL
905	AC60-10054A	SCREW-TAPPING;BH,+,-,M2,X6,FZB	ALL
907	AC60-10024A	SCREW-MACHINE;BH,+,M2,X3,FZW,FE,-,-,-	ALL

5-4 Cabinet Assembly (4)



Loc. No	New Part No	Description and Specification	Remark
149	AC61-32047A	PLATE-NUT;SECC,T0.8,-,-,SV-V40	ALL
190	AD97-01483A	ASSY-REAR;SCL520,-,-	SCL500/L520/VP-L500/L520
	AD97-01484A	ASSY-REAR;SCL540,-,-	SCL530/VP-L530/L530B
	AD97-01485A	ASSY-REAR;SCL550,-,-	SCL550/VP-L550
191	AD64-00243A	CASE-REAR;-,ABS94HB BLK,-,-,-,-,-,M2-PJ	SCL500/L520/VP-L500/L520
	AD64-00243B	CASE-REAR;-,ABS94HB BLK,-,-,-,-,-,SCL540	SCL530/VP-L530/L530B
	AD64-00243C	CASE-REAR;-,ABS94HB BLK,-,-,-,-,-,SCL550	SCL550/VP-L550
192	AD61-00302A	BRACKET-REAR;-,SUS304 T0.8,-,-,-,-,M2-PJ	ALL
193	AD64-00166A	BUTTON--SNAP SHOT;-,ABS 94HB,-,-,-,M1-PJ	ALL
195	AD61-00205A	HOLDER--BATTERY EJECT;-,-,-,-,ABS94HB,M1	ALL
196	AD61-00209A	HOLDER--SNAP SHOT;-,POM,-,NTR,-,M1-PJ	ALL
197	AD61-00212A	HOLDER--ZOOM;-,POM,-,NTR,-,M1-PJ	ALL
199	AD64-00175A	KNOB--BATTERY EJECT;-,ABS 94HB,-,-,-,M1-	ALL
200	AD64-00181A	KNOB--ZOOM;-,ABS 94HB,-,-,-,M1-PJ,-	ALL
201	AD64-00176A	KNOB-DITECTOR;-,ABS 94HB,-,-,-,M1-PJ,-	ALL
202	AD64-00182A	LOCKER-BATTERY;-,POM,-,BLK,-,M1-PJ	ALL
205	AD61-00218A	SPRING--BATTERY EJECT;-,M1-PJ,-,-,0.2,-,	ALL
206	AD61-00219A	SPRING--BATTERY LOCK;-,M1-PJ,-,-,0.2,-,-	ALL
207	AD61-00220A	SPRING--SNAP SHOT;-,M1-PJ,-,-,0.2,-,-,-	ALL
208	AD97-01151A	ASSY-REAR BOARD;M-P/J,-,-	SCL500/L520/L530 VP-L500/L520/L530/L530B
	AD97-01356A	ASSY-REAR BOARD;M-P/J,-,Hi8	SCL550/VP-L550
221	AD97-01229A	ASSY-COVER HOUSING;M1-PJ,-,NORMAL	SCL500/L520/L530 VP-L500/L520/L530/L530B
	AD97-01230A	ASSY-COVER HOUSING;M1-PJ,-,Hi8	SCL550/VP-L550
230	AD97-01231A	ASSY-RIGHT;M1-PJ,-,EXP	SCL500/L520/L530 VP-L500/L520/L530/L530B
	AD97-01994A	ASSY-CASE RIGHT;-,M1-PJ,EXP(HOOD SPRAY)	SCL550/VP-L550
232	AD97-01655A	ASSY-CAP HOOD;M-PRO,-,-	SCL500/L520/L530 VP-L500/L520/L530/L530B
	AD97-01711A	ASSY-CAP HOOD;M1-PJ,ABS94HB GRY,SPRAY	SCL550/VP-L550
235	AD61-00214A	BRACKET-GRIP BACK;-,-,-,T0.8,-,SUS304,M1	ALL
236	AD61-00077A	BRACKET-GRIP FRONT;-,-,SUS T1.2,-,-,-,CS	ALL
237	AD64-00165A	BUTTON--REC/STOP;-,ABS 94HB,-,-,-,M1-PJ	ALL
238	AD63-10219A	GRIP-BELT ASSY;-,LEATHER,-,-,BLK,-,SC-L3	ALL
240	AD61-00210A	HOLDER--START/STOP;-,-,-,-,POM,M1-PJ	ALL
241	AD64-00180A	KNOB--START/STOP;-,ABS 94HB,-,-,-,M1-PJ,	ALL
242	AD61-60521A	SPRING-REC;-,TS,SWPB,0.25,4.3,-,SC-80	ALL
243	AD61-00083A	SPRING--S/STOP;-,-,CS99V,-,-,-,-	ALL
903	AC60-10020A	SCREW-MACHINE;BH,+,M2,X5,FZB,FE,UP,-,-	ALL
908	AD60-10001A	SCREW-MACHINE;BH,B,1.7*5.5,-,FE,BLACK,-,	ALL
909	AD60-00003A	SCREW-TAPTITE;-,+,-,H8.5,2X6,-	ALL

5-5 EVF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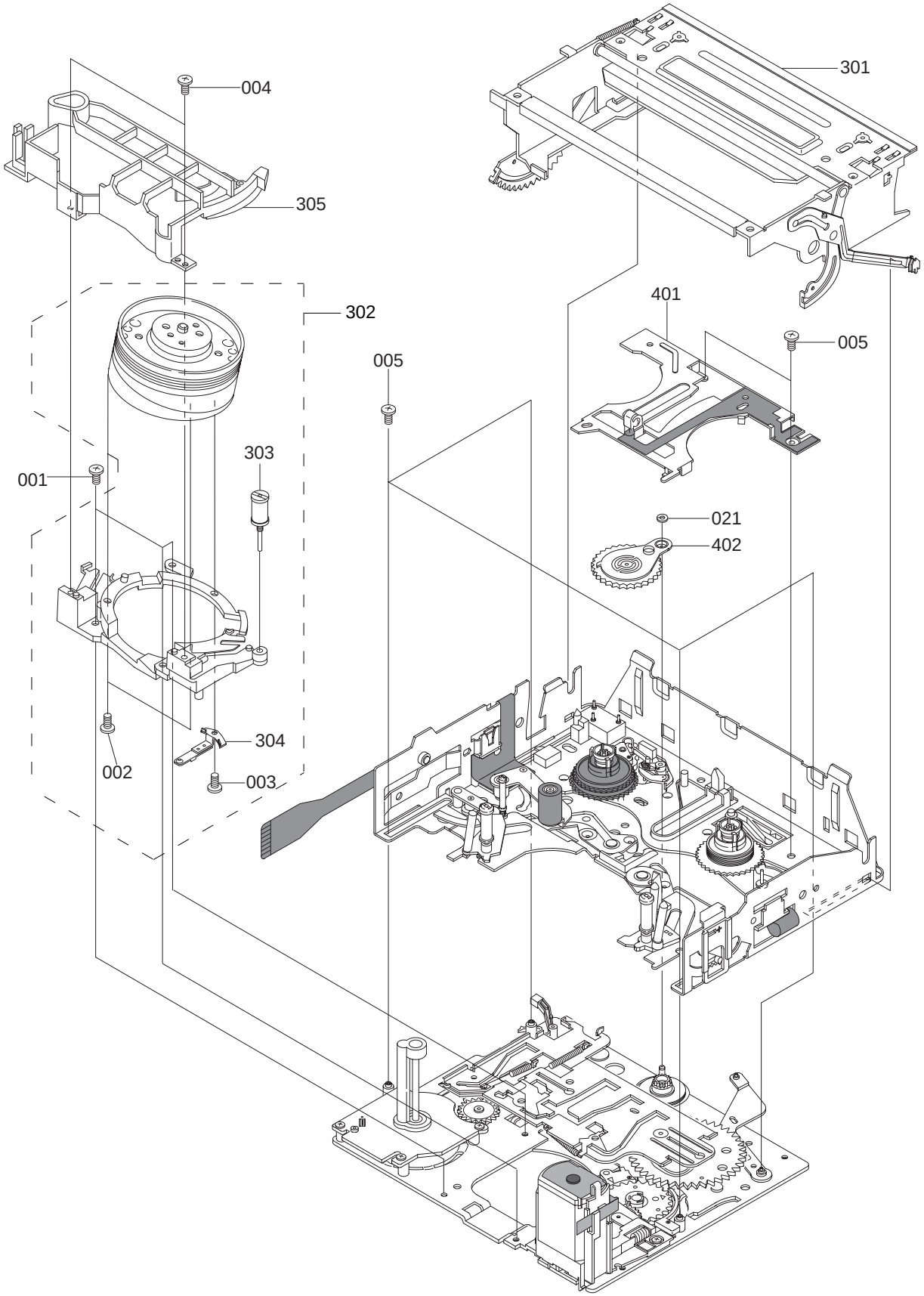
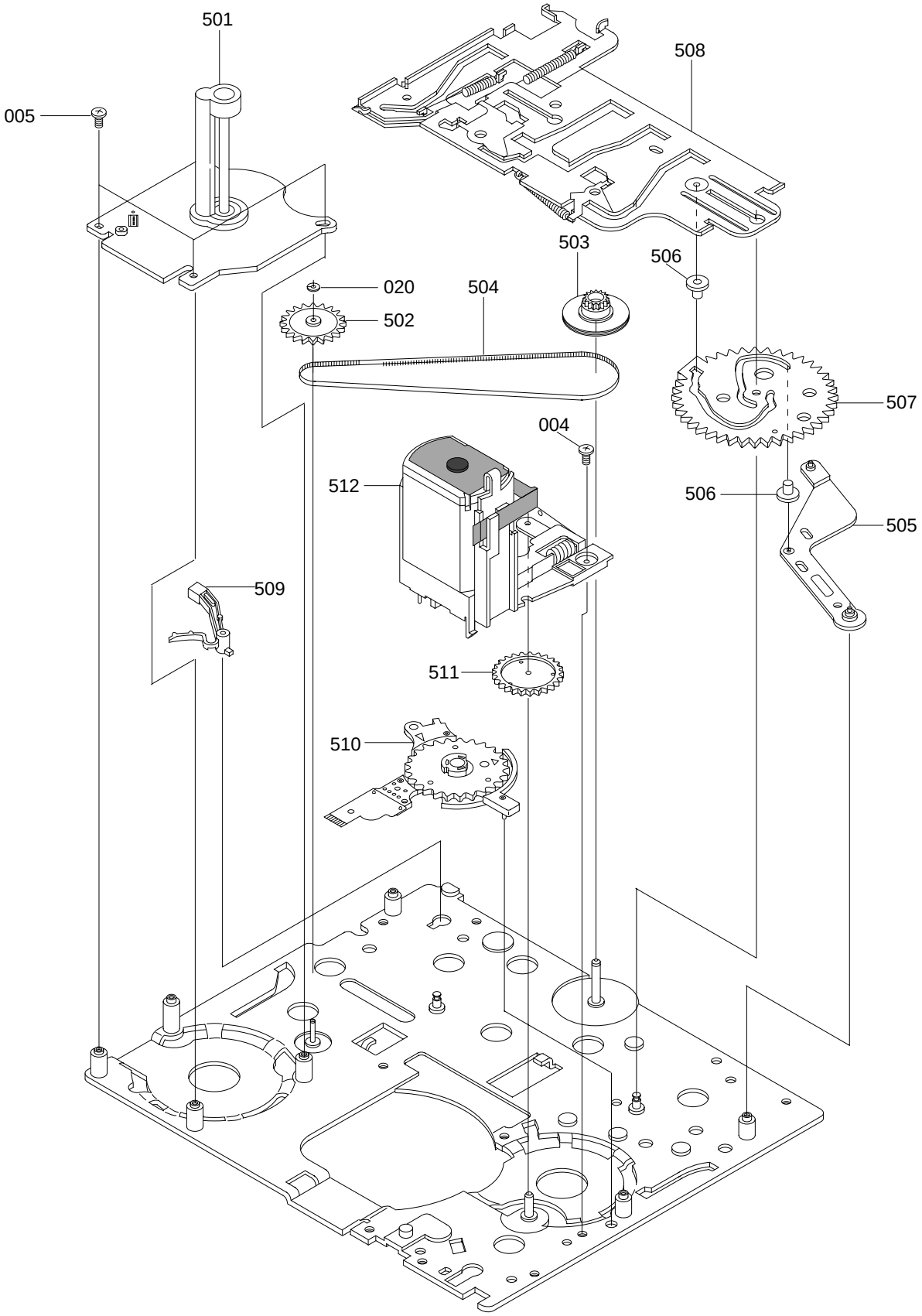
Loc. No	New Part No	Description and Specification	Remark
301	AD64-00247A	CASE-EVF-L;-,NTSC,-,-,-,BW,1,M2	SCL500/L520/L530/L550
	AD64-00247B	CASE-EVF-L;-,PAL/BW,-,-,-,-,1,M2-PJ	VP-L500/L520/L530/L530B/L550
302	AD64-00249A	CASE-EVF R;-,ABS94VO,-,-,-,BW/COL,1,M2	SCL500/L520/L530/L550
	AD64-00249A	CASE-EVF R;-,ABS94VO,-,-,-,BW/COL,1,M2	VP-L500/L520/L530/L530B/L550
303	AD73-00020A	RUBBER--EVF CUP;SILICON,BW/COL,M2,1 RU	ALL
304	AD61-00306A	GUIDE-CAP;-,ABS94HB BLK,-,-,BW/COL,1,M	ALL
305	AD67-00027A	LENS--EVF-M-G1;-,-,PMMA,4.5,D13.8,-,0.44	ALL
306	AD61-00233A	HOLDER--CVF LENS;-,ABS94HB BLK,-,COL,-,M	ALL
307	AD61-00305A	GUIDE-LENS;-,ABS94HB,-,-,BW/COL,1,M2	ALL
308	AD61-00252A	HOLDER-COVER-LENS;-,ABS84HB,-,BLK,-,M1-P	ALL
309	AD67-00026A	LENS--EVF-M-G2;-,-,PC,1.24,D11.2,-,EVF	ALL
310	AD61-00228A	HOLDER--CVF BOTTOM;-,ABS94VO,-,BLK,-,M1-	ALL
311	AD61-00227A	HOLDER--CVF TOP;-,ABS94VO,-,BLK,-,M1-PJ	ALL
315	AD69-00112A	PAD-EVF;M2-PJ,SPONGE,-,-,-,-,-,-	ALL
316	AD64-00248A	KNOB--EVF;-,POM BLK,-,BW/COL,-,M2,1	ALL
904	AC60-10055A	SCREW-TAPPING;BH,+,-,M2,X4,FZB	ALL
905	AC60-10054A	SCREW-TAPPING;BH,+,-,M2,X6,FZB	ALL
911	6001-001263	SCREW-MACHINE;BH,+,M2,L2.2,NI PLT,SWRCH1	ALL
915	6001-000795	SCREW-MACHINE;BH,+,M2,L3,ZPC(WHT),SWRCH1	ALL

5-6 Mechanical Parts (1)



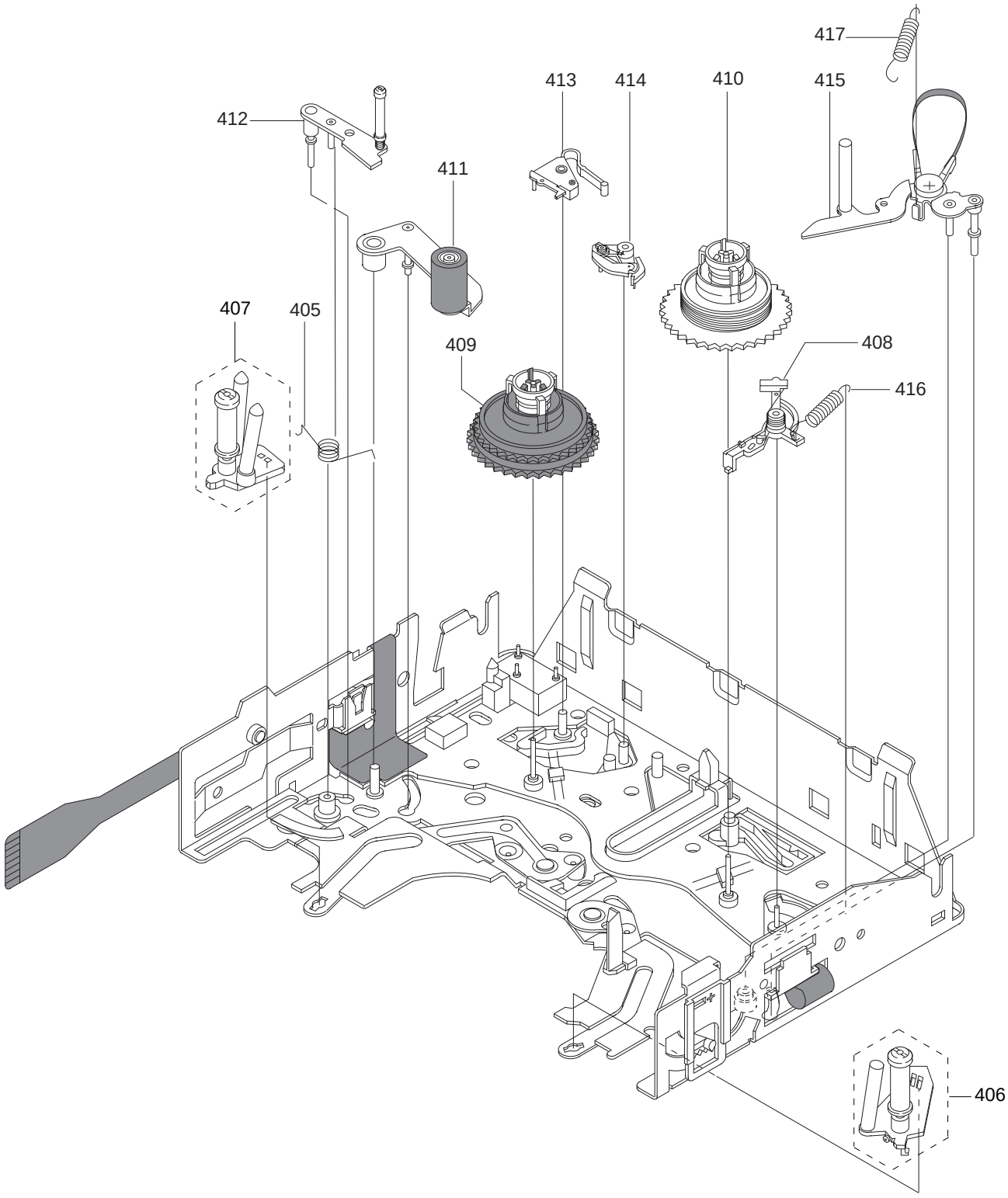
Loc. No	New Part No	Description and Specification	Remark
001	AC60-12083A	SCREW-MACHINE;B,BH,-,M1.7,L5,FE,WHT,-,-	
002	AD60-10500E	SCREW-MACHINE;-,BWSH,+,UP,M2,L5,ZPCNYLOK	
003	AD60-10500D	SCREW-MACHINE;-,BWSH,+,UP,M2,L7,ZPCNYLOK	
004	AC60-10017A	SCREW-MACHINE;BH,+,M1.7,X3.5,FEFZY,SWCH1	
005	AC60-12112A	SCREW-BH;-,BH,+,M1.4,L2,-	
021	AC60-30015A	WASHER-SLIT;ID 1.1,OD 2.6,T 0.4,POLYSLID	
301	AD96-10473P	ASS'Y-HOUSING;DE-6B,-	
302	AD96-10471Z	ASS'Y-DRUM;DE6A-PH-SS,-	VP-L500/L520/L530/L530B/L550
	AD96-10471Y	ASS'Y-DRUM;DE6A-NH-SS,-	SCL500/L520/L530/L550
303	AD66-40153A	ROLLER-IMP ASS'Y;-,YF-10,OD7,-,DE-6	
304	AC61-72009A	CONTACT-EARTH BRUSH;SECC/PBSP/CR/C,-,-,-	
305	AC63-32091A	COVER-DRUM;DURACON(M90-44),-,-,-,-,-,DE-	
401	AC63-30009A	COVER-REEL ASS'Y;ABS 95,HB,-,-,-,-,DE-6,-	
402	AC66-12035A	IDLER-ASS'Y;-,-,DE-6	

5-7 Mechanical Parts (2)



Loc. No	New Part No	Description and Specification	Remark
004	AC60-10017A	SCREW-MACHINE;BH,+,M1.7,X3.5,FEFZY,SWCH1	
005	AC60-12112A	SCREW-BH;-,BH,+,M1.4,L2,-	
020	AC60-30017A	WASHER-SLIT;ID 1,OD 2.6,T 0.4,POLYSLIDER	
501	AD31-12010A	MOTOR-CAPSTAN;DE-6B SHS,-,-	
	AD31-12001Q	MOTOR-CAPSTAN;DMCCHL06A(DE-6),-,-	
502	AC66-22123A	GEAR-CAPSTAN(ASS'Y);-,-,-,-,-,DE-6	
503	AC66-22124A	GEAR-PULLEY(ASS'Y);-,-,-,-,-,DE-6	
504	AC66-62001A	BELT-TIMMING;POLYURETHAN,L137 T0.4,-,-,-	
505	AC66-32197A	LEVER-CAM;SUS430-CP,T0.6,-,-,DE-6,-	
506	AC66-42005A	ROLLER-CAM MAIN;SUS303,-,-,PI3.5X1.1	
507	AC66-22092A	GEAR-CAM MAIN;SUS304-CSP,M0.5,Z64,-,-,-	
508	AC66-82055A	SLIDER-MAIN(ASS'Y);-,-,-,-,DE-6	
509	AC66-32198A	LEVER-EJECT;DURANEX #3300,-,-,-,DE-6,-	
510	AC34-22001C	SWITCH-MODE ASS'Y;HMW0484-01WA,DE-6,-,-,-	
511	AC66-22126A	GEAR-LOADING;DURACON(99-44),M0.4,Z37 WO,	
512	AC31-12001P	MOTOR-LOADING ASS'Y;DE-6,-,-	

5-8 Mechanical Parts (3)



Loc. No	New Part No	Description and Specification	Remark
405	AD61-60622A	SPRING-REVIEW ARM;PS SUS304-WPB PI0.3	
406	AC61-52014A	POLE-BASE S(ASS'Y);ZDC2/SUS303,-,-,-,-,DE	
407	AC61-52015A	POLE-BASE T(ASS'Y);ZDC2/SUS303,-,-,-,-,DE	
408	AC66-32221A	BRAKE-SUB S(ASS'Y);-,-,-,-,DE-6,-	
409	AC66-12042A	REEL-T(ASS'Y);-,-,-,DE-6	
410	AC66-12041A	REEL-S(ASS'Y);-,-,-,DE-6	
411	AC66-32217A	ARM-PINCH ROLLER(ASS;-,-,-,-,DE-6	
412	AC66-32213A	ARM-REVIEW ASS'Y;-,-,-,-,DE-6	
413	AC66-32223A	BRAKE-MAIN(T);DURACON(M904-44),-,-,-,-,-	
414	AC66-30120A	BRAKE-SOFT T (ASS'Y);-,-,-,-,DE-6,-	
415	AC66-30093A	ARM-TENSION (ASS'Y);SUS304-CSP POM FELT,-	
416	AC61-62022A	SPRING-SOFT BRAKE(S);-,SUS304,-,-,-,-,-	
417	AC61-62023A	SPRING-TENSION;-,SUS304-WPB,-,-,-,-,-	

MEMO

6. Electrical Parts List

Loc. No	Part No	Desc & Spec	Remark
		ASSY-MAIN BOARD (NORMAL)	
C101	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C102	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C103	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C104	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C105	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C106	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C107	2203-000888	C-CERAMIC,CHIP;4.7nF,10%,50V,X7R,TP,1608	
C108	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
C109	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C110	2404-001131	C-TA,CHIP;22UF,10%,10V,GP,TP,3528	
C111	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C112	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C113	2404-001039	C-TA,CHIP;47uF,20%,6.3V,GP,TP,3528,-	
C114	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C115	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C116	2203-000604	C-CERAMIC,CHIP;22nF,10%,25V,X7R,TP,1608	
C117	2203-000604	C-CERAMIC,CHIP;22nF,10%,25V,X7R,TP,1608	
C118	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C119	2404-001039	C-TA,CHIP;47uF,20%,6.3V,GP,TP,3528,-	
C120	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C121	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C130	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C131	2203-001686	C-CERAMIC,CHIP;0.075nF,5%,50V,NP0,TP,160	
C132	2203-000357	C-CERAMIC,CHIP;0.15nF,5%,50V,NP0,TP,1608	
C133	2203-000236	C-CERAMIC,CHIP;0.1nF,5%,50V,NP0,TP,1608	
C134	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C140	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
C141	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C142	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C143	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C144	2203-001408	C-CERAMIC,CHIP;0.27nF,5%,50V,NP0,TP,1608	
C145	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C146	2203-001113	C-CERAMIC,CHIP;0.062nF,5%,50V,NP0,TP,160	
C147	2203-000491	C-CERAMIC,CHIP;2.2nF,10%,50V,X7R,TP,1608	
C148	2203-001408	C-CERAMIC,CHIP;0.27nF,5%,50V,NP0,TP,1608	
C149	2203-000426	C-CERAMIC,CHIP;0.018nF,5%,50V,NP0,TP,160	
C150	2203-000604	C-CERAMIC,CHIP;22nF,10%,25V,X7R,TP,1608	
C151	2203-000604	C-CERAMIC,CHIP;22nF,10%,25V,X7R,TP,1608	
C152	2203-000604	C-CERAMIC,CHIP;22nF,10%,25V,X7R,TP,1608	
C153	2203-000604	C-CERAMIC,CHIP;22nF,10%,25V,X7R,TP,1608	
C154	2203-000332	C-CERAMIC,CHIP;0.012nF,5%,50V,NP0,TP,160	
C155	2203-000604	C-CERAMIC,CHIP;22nF,10%,25V,X7R,TP,1608	
C156	2203-000332	C-CERAMIC,CHIP;0.012nF,5%,50V,NP0,TP,160	NTSC
C156	2203-000384	C-CERAMIC,CHIP;0.015nF,5%,50V,NP0,TP,160	PAL
C157	2203-000815	C-CERAMIC,CHIP;0.033nF,5%,50V,NP0,TP,160	
C181	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C182	2203-000236	C-CERAMIC,CHIP;0.1nF,5%,50V,NP0,TP,1608	
C183	2203-001408	C-CERAMIC,CHIP;0.27nF,5%,50V,NP0,TP,1608	
C184	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C201	2203-000332	C-CERAMIC,CHIP;0.012nF,5%,50V,NP0,TP,160	NTSC
C201	2203-000384	C-CERAMIC,CHIP;0.015nF,5%,50V,NP0,TP,160	PAL
C202	2404-001131	C-TA,CHIP;22UF,10%,10V,GP,TP,3528	
C203	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C206	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C207	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C208	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
C209	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C210	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
C211	2203-000236	C-CERAMIC,CHIP;0.1nF,5%,50V,NP0,TP,1608	
C212	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C213	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C214	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C215	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C216	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C218	2203-000975	C-CERAMIC,CHIP;47nF,10%,25V,X7R,TP,1608,	
C219	2404-000167	C-TA,CHIP;2.2uF,20%,16V,-,TP,3216,-	
C220	2404-000151	C-TA,CHIP;1uF,20%,16V,-,TP,3216,-	
C221	2404-000218	C-TA,CHIP;330nF,20%,35V,-,TP,3216,-	
C222	2404-000167	C-TA,CHIP;2.2uF,20%,16V,-,TP,3216,-	
C223	2203-001656	C-CERAMIC,CHIP;0.47nF,5%,50V,NP0,TP,1608	NTSC
C223	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	PAL
C224	2203-001607	C-CERAMIC,CHIP;0.22nF,5%,50V,NP0,TP,1608	NTSC
C224	2203-000715	C-CERAMIC,CHIP;3.3nF,10%,50V,X7R,TP,1608	PAL
C225	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C226	2203-001640	C-CERAMIC,CHIP;0.39nF,10%,50V,X7R,TP,160	
C227	2203-001640	C-CERAMIC,CHIP;0.39nF,10%,50V,X7R,TP,160	
C228	2203-001607	C-CERAMIC,CHIP;0.22nF,5%,50V,NP0,TP,1608	
C229	2203-002793	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	
C231	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C232	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C233	2203-000357	C-CERAMIC,CHIP;0.15nF,5%,50V,NP0,TP,1608	NTSC
C233	2203-001697	C-CERAMIC,CHIP;0.082nF,5%,50V,NP0,TP,160	PAL
C234	2203-000922	C-CERAMIC,CHIP;470nF,+80-20%,25V,Y5V,TP,	

Loc. No	Part No	Desc & Spec	Remark
C235	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C236	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C237	2203-000922	C-CERAMIC,CHIP;470nF,+80-20%,25V,Y5V,TP,	
C238	2203-000922	C-CERAMIC,CHIP;470nF,+80-20%,25V,Y5V,TP,	
C239	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C240	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C241	2404-001131	C-TA,CHIP;22UF,10%,10V,GP,TP,3528	
C242	2203-000922	C-CERAMIC,CHIP;470nF,+80-20%,25V,Y5V,TP,	
C243	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C244	2404-000250	C-TA,CHIP;470nF,20%,25V,-,TP,3216,-	
C245	2203-000922	C-CERAMIC,CHIP;470nF,+80-20%,25V,Y5V,TP,	
C246	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C247	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C263	2203-000998	C-CERAMIC,CHIP;0.047nF,5%,50V,NP0,TP,160	
C264	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C271	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
C272	2203-002793	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	
C283	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C284	2203-002793	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	
C285	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C286	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
C287	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
C288	2404-001131	C-TA,CHIP;22UF,10%,10V,GP,TP,3528	
C289	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C290	2404-000293	C-TA,CHIP;220UF,10%,6.3V,GP,TP,7343H	
C301	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
C302	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C381	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C391	2203-001103	C-CERAMIC,CHIP;6.8nF,10%,50V,X7R,TP,1608	
C392	2203-001408	C-CERAMIC,CHIP;0.27nF,5%,50V,NP0,TP,1608	
C401	2203-000626	C-CERAMIC,CHIP;0.022nF,5%,50V,NP0,TP,160	
C402	2203-000681	C-CERAMIC,CHIP;0.027nF,5%,50V,NP0,TP,160	
C403	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C404	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
C501	2404-000256	C-TA,CHIP;47UF,20%,16V,GP,TP,7343	
C502	2203-002793	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	
C503	2404-001039	C-TA,CHIP;47uF,20%,6.3V,GP,TP,3528,-	
C505	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C506	2203-001640	C-CERAMIC,CHIP;0.39nF,10%,50V,X7R,TP,160	
C507	2203-001607	C-CERAMIC,CHIP;0.22nF,5%,50V,NP0,TP,1608	
C508	2203-001607	C-CERAMIC,CHIP;0.22nF,5%,50V,NP0,TP,1608	
C509	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C510	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C511	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C512	2203-000888	C-CERAMIC,CHIP;4.7nF,10%,50V,X7R,TP,1608	
C513	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C514	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C515	2203-000888	C-CERAMIC,CHIP;4.7nF,10%,50V,X7R,TP,1608	
C516	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C517	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C518	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C519	2203-001630	C-CERAMIC,CHIP;330nF,+80-20%,16V,Y5V,TP,	
C520	2203-000975	C-CERAMIC,CHIP;47nF,10%,25V,X7R,TP,1608,	
C521	2203-002793	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	
C522	2203-000715	C-CERAMIC,CHIP;3.3nF,10%,50V,X7R,TP,1608	
C523	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C524	2203-000491	C-CERAMIC,CHIP;2.2nF,10%,50V,X7R,TP,1608	
C525	2203-000491	C-CERAMIC,CHIP;2.2nF,10%,50V,X7R,TP,1608	
C526	2203-000491	C-CERAMIC,CHIP;2.2nF,10%,50V,X7R,TP,1608	
C527	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
C528	2404-000151	C-TA,CHIP;1uF,20%,16V,-,TP,3216,-	
C529	2203-000975	C-CERAMIC,CHIP;47nF,10%,25V,X7R,TP,1608,	
C530	2203-000888	C-CERAMIC,CHIP;4.7nF,10%,50V,X7R,TP,1608	
C531	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
C534	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C535	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C536	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C537	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C538	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C539	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C541	2404-000284	C-TA,CHIP;10uF,20%,16V,-,TP,3528,-	
C542	2203-001640	C-CERAMIC,CHIP;0.39nF,10%,50V,X7R,TP,160	
C543	2203-000888	C-CERAMIC,CHIP;4.7nF,10%,50V,X7R,TP,1608	NTSC
C543	2203-001662	C-CERAMIC,CHIP;5.6nF,10%,50V,NP0,TP,1608	PAL
C544	2203-000888	C-CERAMIC,CHIP;4.7nF,10%,50V,X7R,TP,1608	NTSC
C544	2203-000726	C-CERAMIC,CHIP;3.9nF,10%,50V,X7R,TP,1608	PAL
C545	2203-001103	C-CERAMIC,CHIP;6.8nF,10%,50V,X7R,TP,1608	
C546	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C547	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C548	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C549	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C550	2404-000232	C-TA,CHIP;4.7uF,20%,10V,-,TP,3216,-	
C551	2404-000232	C-TA,CHIP;4.7uF,20%,10V,-,TP,3216,-	
C552	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C601	2404-001039	C-TA,CHIP;47uF,20%,6.3V,GP,TP,3528,-	
C602	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C604	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C605	2203-000332	C-CERAMIC,CHIP;0.012nF,5%,50V,NP0,TP,160	
C606	2203-000332	C-CERAMIC,CHIP;0.012nF,5%,50V,NP0,TP,160	
C607	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	

Loc. No	Part No	Desc & Spec	Remark
C608	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C609	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
C610	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
C611	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C612	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C613	2203-002793	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	
C614	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C615	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C701	2203-000975	C-CERAMIC,CHIP;47nF,10%,25V,X7R,TP,1608,	
C702	2203-000975	C-CERAMIC,CHIP;47nF,10%,25V,X7R,TP,1608,	
C703	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C705	2203-000975	C-CERAMIC,CHIP;47nF,10%,25V,X7R,TP,1608,	
C706	2404-001131	C-TA,CHIP;22UF,10%,10V,GP,TP,3528	
C707	2404-000246	C-TA,CHIP;4.7uF,20%,6.3V,-,TP,3216,-	
C708	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C709	2404-000246	C-TA,CHIP;4.7uF,20%,6.3V,-,TP,3216,-	
C710	2203-000922	C-CERAMIC,CHIP;470nF,+80-20%,25V,Y5V,TP,	
C711	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
C712	2404-000246	C-TA,CHIP;4.7uF,20%,6.3V,-,TP,3216,-	
C713	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C714	2203-001103	C-CERAMIC,CHIP;6.8nF,10%,50V,X7R,TP,1608	
C715	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C716	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
C717	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C718	2203-000715	C-CERAMIC,CHIP;3.3nF,10%,50V,X7R,TP,1608	
C719	2203-001607	C-CERAMIC,CHIP;0.22nF,5%,50V,NP0,TP,1608	
C720	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C721	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C722	2203-000491	C-CERAMIC,CHIP;2.2nF,10%,50V,X7R,TP,1608	
C723	2404-000151	C-TA,CHIP;1uF,20%,16V,-,TP,3216,-	
C724	2404-000275	C-TA,CHIP;100UF,10%,10V,GP,TP,7343	
C725	2404-001039	C-TA,CHIP;47uF,20%,6.3V,GP,TP,3528,-	
C726	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
C727	2404-000266	C-TA,CHIP;680nF,20%,25V,-,TP,3216,-	
C728	2404-000151	C-TA,CHIP;1uF,20%,16V,-,TP,3216,-	
C729	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
C730	2404-001131	C-TA,CHIP;22UF,10%,10V,GP,TP,3528	
C731	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C732	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C738	2203-000715	C-CERAMIC,CHIP;3.3nF,10%,50V,X7R,TP,1608	
C761	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
C902	2203-000512	C-CERAMIC,CHIP;2200nF,+80-20%,16V,Y5V,TP	
C903	2203-005619	C-CERAMIC,CHIP;4700NF,10%,16V,X5R,TP,321	
C904	2404-001131	C-TA,CHIP;22UF,10%,10V,GP,TP,3528	
C905	2203-002793	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	
C906	2203-002793	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	
C907	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
C908	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
C909	2203-002793	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	
C910	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
C911	2203-002793	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	
C912	2203-005619	C-CERAMIC,CHIP;4700NF,10%,16V,X5R,TP,321	
C913	2404-000284	C-TA,CHIP;10uF,20%,16V,-,TP,3528,-	
C914	2404-000284	C-TA,CHIP;10uF,20%,16V,-,TP,3528,-	
C916	2203-000483	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	
C917	2203-000483	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	
C918	2203-002793	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	
C919	2203-002793	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	
C920	2203-000483	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	
C921	2203-000483	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	
C922	2203-005619	C-CERAMIC,CHIP;4700NF,10%,16V,X5R,TP,321	
C923	2404-001131	C-TA,CHIP;22UF,10%,10V,GP,TP,3528	
C924	2203-002793	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	
C925	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
C926	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
C927	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
C928	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
C929	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
C930	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C931	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C932	2203-001607	C-CERAMIC,CHIP;0.22nF,5%,50V,NP0,TP,1608	
C933	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C934	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C935	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
C936	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
C937	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
C938	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
C939	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
C940	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
C941	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C945	2203-000483	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	
C946	2203-000483	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	
CD03	2404-001131	C-TA,CHIP;22UF,10%,10V,GP,TP,3528	
CD04	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CD05	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CD06	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CD07	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CD08	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CD09	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CD10	2404-001131	C-TA,CHIP;22UF,10%,10V,GP,TP,3528	

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CD11	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CD12	2203-002793	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	
CN101	3708-001345	CONNECTOR-FPC/FC/PIC;11P,-,SMD-A,SN	
CN501	3708-001471	CONNECTOR-FPC/FC/PIC;43P,0.5mm,SMD-A,SN	
CN601	3710-000554	CONNECTOR-SOCKET;40P,2R,0.8mm,SMD-A,SN	
CN602	3708-001472	CONNECTOR-FPC/FC/PIC;36P,0.5mm,SMD-A,SN	
CN701	3711-000556	CONNECTOR-HEADER;BOX,12P,1R,1.25mm,SMD-A	
CNP01	3710-001478	CONNECTOR-SOCKET;18P,2R,1MM,SMD-S,SN	
CNP02	3708-001474	CONNECTOR-FPC/FC/PIC;22P,0.5mm,SMD-A,SN	
CP01	2203-000357	C-CERAMIC,CHIP;0.15nF,5%,50V,NP0,TP,1608	
CP02	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP03	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP05	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP06	2203-000799	C-CERAMIC,CHIP;33nF,10%,16V,X7R,TP,1608	
CP07	2203-000799	C-CERAMIC,CHIP;33nF,10%,16V,X7R,TP,1608	
CP08	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP09	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP10	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP100	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP101	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
CP102	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP11	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
CP12	2203-000604	C-CERAMIC,CHIP;22nF,10%,25V,X7R,TP,1608	
CP13	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP14	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP15	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
CP16	2404-000190	C-TA,CHIP;22uF,20%,16V,-,TP,5832,-	
CP17	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP18	2203-000815	C-CERAMIC,CHIP;0.033nF,5%,50V,NP0,TP,160	
CP19	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP20	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP21	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP22	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP23	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP24	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP25	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
CP26	2404-000157	C-TA,CHIP;1uF,20%,35V,-,TP,3216,-	
CP27	2404-000212	C-TA,CHIP;3.3uF,20%,25V,-,TP,3528,-	
CP28	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP29	2404-000212	C-TA,CHIP;3.3uF,20%,25V,-,TP,3528,-	
CP30	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP31	2203-002793	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	
CP32	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP33	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP34	2203-001640	C-CERAMIC,CHIP;0.39nF,10%,50V,X7R,TP,160	
CP35	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
CP36	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP37	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP38	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP39	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP40	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP41	2404-001131	C-TA,CHIP;22UF,10%,10V,GP,TP,3528	
CP42	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP43	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP44	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP45	2203-002793	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	
CP46	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP47	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP48	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP49	2404-001131	C-TA,CHIP;22UF,10%,10V,GP,TP,3528	
CP50	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
CP51	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP52	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP53	2203-000041	C-CERAMIC,CHIP;0.01nF,0.25pF,50V,NP0,TP,	
CP54	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP55	2203-001640	C-CERAMIC,CHIP;0.39nF,10%,50V,X7R,TP,160	
CP56	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP58	2203-000626	C-CERAMIC,CHIP;0.022nF,5%,50V,NP0,TP,160	
CP59	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP60	2203-001640	C-CERAMIC,CHIP;0.39nF,10%,50V,X7R,TP,160	
CP61	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP62	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP63	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP64	2203-000626	C-CERAMIC,CHIP;0.022nF,5%,50V,NP0,TP,160	
CP65	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP66	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP67	2203-000681	C-CERAMIC,CHIP;0.027nF,5%,50V,NP0,TP,160	NTSC
CP67	2203-000426	C-CERAMIC,CHIP;0.018nF,5%,50V,NP0,TP,160	PAL
CP68	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
CP69	2203-000998	C-CERAMIC,CHIP;0.047nF,5%,50V,NP0,TP,160	
CP70	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
CP71	2203-000681	C-CERAMIC,CHIP;0.027nF,5%,50V,NP0,TP,160	
CP72	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP73	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP74	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP75	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
CP76	2203-001222	C-CERAMIC,CHIP;820pF,10%,50V,X7R,TP,1608	
CP77	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP78	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
CP79	2203-001630	C-CERAMIC,CHIP;330nF,+80-20%,16V,Y5V,TP,	

Loc. No	Part No	Desc & Spec	Remark
CP80	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP81	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP82	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP83	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP84	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP85	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP86	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP87	2404-000212	C-TA,CHIP;3.3uF,20%,25V,-,TP,3528,-	
CP88	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
CP89	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP90	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
CP91	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP92	2203-000332	C-CERAMIC,CHIP;0.012nF,5%,50V,NP0,TP,160	
CP93	2203-000332	C-CERAMIC,CHIP;0.012nF,5%,50V,NP0,TP,160	
CP94	2203-002793	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	
CP95	2203-002793	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	
CP96	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP97	2203-000384	C-CERAMIC,CHIP;0.015nF,5%,50V,NP0,TP,160	
CP98	2203-000815	C-CERAMIC,CHIP;0.033nF,5%,50V,NP0,TP,160	
CP99	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CW01	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CW02	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
CW03	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CW04	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
D151	0407-000122	DIODE-ARRAY;KDS226,80V,300mA,C2-3,SOT-23	
D281	0401-001058	DIODE-SWITCHING;KDS121,85V,300mA,SOT-323	
D282	0401-001054	DIODE-SWITCHING;KDS160,85V,300mA,SOD-323	
D301	0401-001058	DIODE-SWITCHING;KDS121,85V,300mA,SOT-323	
D302	0401-001054	DIODE-SWITCHING;KDS160,85V,300mA,SOD-323	
D391	0401-001054	DIODE-SWITCHING;KDS160,85V,300mA,SOD-323	
D501	0401-001054	DIODE-SWITCHING;KDS160,85V,300mA,SOD-323	
D701	0401-001054	DIODE-SWITCHING;KDS160,85V,300mA,SOD-323	
D901	0407-000139	DIODE-ARRAY;IMN10,80V,100mA,CX3,IMD,TP	
D903	0401-001054	DIODE-SWITCHING;KDS160,85V,300mA,SOD-323	
DP01	0405-000143	DIODE-VARACTOR;MA341,30V,10nA,MINI-2,TP	
DP02	0401-001054	DIODE-SWITCHING;KDS160,85V,300mA,SOD-323	
DP03	0401-001058	DIODE-SWITCHING;KDS121,85V,300mA,SOT-323	
DP04	0401-001054	DIODE-SWITCHING;KDS160,85V,300mA,SOD-323	
DP05	0401-001054	DIODE-SWITCHING;KDS160,85V,300mA,SOD-323	
DP06	0401-001058	DIODE-SWITCHING;KDS121,85V,300mA,SOT-323	
DP07	0401-001054	DIODE-SWITCHING;KDS160,85V,300mA,SOD-323	
IC101	1201-001312	IC-PREAMP;CXA2032Q,QFP,32P,7.0MIL,SINGLE	
IC201	AD14-00032A	IC--VIDEO PROCESS;CXA3540R,VQFP,-,64P,M-	
IC282	1204-001643	IC-VIDEO SYSTEM;NJM2509V,SSOP,8P,-,PLAST	
IC283	1001-001042	IC-VIDEO SWITCH;NJM2268V-TE1,CMOS,SOP,8P	
IC301	AC14-12015G	IC-LINEAR;NJM2249V,SSOP,TAPE	
IC381	1002-001125	IC-D/A CONVERTER;M62366GP,8BIT,SSOP,20P,	
IC391	0801-002327	IC-CMOS LOGIC;74LCX74,D F/F,SOP,14P,300M	
IC401	1204-001458	IC-OSD PROCESSOR;M35040-064FP(SEC),DIP,2	
IC501	1204-001124	IC-VIDEO SYSTEM;CXA1814N,SOP,30P,-,PLAST	
IC502	1003-001241	IC-MOTOR DRIVER;LB11990W,SQPF,64P,-,-,1A	
IC503	AC14-12012T	IC-OP AMP;TA75S01F(TE85L),QFP,-	
IC601	AD09-00065A	IC-MCU;CXP87452-150R,SC-M52,-,100P LQ	NTSC
IC601	AD09-00066A	IC-MCU;CXP87452-151R,VP-M53,-,100P LQ	PAL
IC602	0801-002417	IC-CMOS LOGIC;TC7SH04FU(TE12L),SSOP,5P	
IC701	1201-001406	IC-AUDIO AMP;7458,SQFP,64P,393MIL,-,-,PL	
IC901	1203-001534	IC-PWM CONTROLLER;TL1466I,QFP,64P,-,PLAS	
ICD01	1105-001035	IC-DRAM;416S1120,1Mx16Bit,TSOP,50P,400	
ICD02	AH14-00001A	IC-DIS;KS7333,TQFP,-,80P,M-PJ	
ICD03	0801-000022	IC-CMOS LOGIC;7S00,NAND GATE,SOP,5P,49MI	
ICP01	AH14-00002A	IC-DSP;KS7331B,TQFP,-,80P,M-PJ	
ICP02	1002-001192	IC-A/D CONVERTER;AD9803JST80016R3,10,LQF	
ICP03	1003-001200	IC-MOTOR DRIVER;UPD16835,SOP,38P,300MIL,	
ICP04	1201-000240	IC-OP AMP;2902,SOP,14P,173MIL,QUAD,15V/m	
ICP05	1201-000240	IC-OP AMP;2902,SOP,14P,173MIL,QUAD,15V/m	
ICP06	1003-001065	IC-CLOCK DRIVER;KS7221D,SOP,20P,225MIL,Q	
ICP07	0801-002417	IC-CMOS LOGIC;TC7SH04FU(TE12L),SSOP,5P	
ICP08	AD14-00033A	IC-DOC;KS7334,SSOP,-,20P,M1-PJ	
ICP09	AD09-00061A	IC-MICOM;P81848A-528R,DIS,2nd,SONY,100,	
ICP10	1203-001021	IC-VOLTAGE REGULATOR;8423,SOP,8P,251MIL,	
ICP11	1103-001023	IC-EEPROM;24C08,1028x8BIT,SOP,8P,150MIL,	
ICP12	0801-002327	IC-CMOS LOGIC;74LCX74,D F/F,SOP,14P,300M	
ICP13	0801-000794	IC-CMOS LOGIC;7S08,AND GATE,SOT-25,5P,63	
ICW01	AD14-00034A	IC;KS7332B,VQFP,-,48P,M-PJ	
L101	2703-000404	INDUCTOR-SMD;220uH,10%,3.2x2.5x2.2mm	
L102	2703-000404	INDUCTOR-SMD;220uH,10%,3.2x2.5x2.2mm	
L103	2703-000002	INDUCTOR-SMD;100uH,10%,2.5x3.2x2mm	
L130	2703-000397	INDUCTOR-SMD;33uH,10%,2.5x2x1.8mm	
L131	2703-000363	INDUCTOR-SMD;10uH,5%,2.5x2x1.8mm	
L140	2703-000367	INDUCTOR-SMD;33uH,5%,2.5x2x1.8mm	
L141	2703-000381	INDUCTOR-SMD;180uH,5%,3.2x2.5x2.2mm	
L142	2703-000388	INDUCTOR-SMD;470uH,5%,3.2x2.5x2.2mm	
L143	2703-000381	INDUCTOR-SMD;180uH,5%,3.2x2.5x2.2mm	
L144	2703-000397	INDUCTOR-SMD;33uH,10%,2.5x2x1.8mm	
L145	2703-000381	INDUCTOR-SMD;180uH,5%,3.2x2.5x2.2mm	
L146	2703-000363	INDUCTOR-SMD;10uH,5%,2.5x2x1.8mm	
L147	2703-000372	INDUCTOR-SMD;56uH,5%,2.5x2x1.8mm	
L181	2703-000397	INDUCTOR-SMD;33uH,10%,2.5x2x1.8mm	
L182	2703-000349	INDUCTOR-SMD;120uH,5%,3.2x2.5x2.2mm	
L183	2703-000417	INDUCTOR-SMD;220uH,5%,3.2x2.5x2.2mm	

Loc. No	Part No	Desc & Spec	Remark
L201	2703-000372	INDUCTOR-SMD;56uH,5%,2.5x2x1.8mm	
L202	2703-000397	INDUCTOR-SMD;33uH,10%,2.5x2x1.8mm	
L203	2703-000398	INDUCTOR-SMD;10uH,10%,3.2x2.5x2.2mm	
L204	2703-000398	INDUCTOR-SMD;10uH,10%,3.2x2.5x2.2mm	
L261	2703-000366	INDUCTOR-SMD;22uH,5%,2.5x2x1.8mm	
L281	2703-000398	INDUCTOR-SMD;10uH,10%,3.2x2.5x2.2mm	
L381	2703-000397	INDUCTOR-SMD;33uH,10%,2.5x2x1.8mm	
L401	2703-000365	INDUCTOR-SMD;15uH,5%,2.5x2x1.8mm	
L402	2703-000397	INDUCTOR-SMD;33uH,10%,2.5x2x1.8mm	
L503	2703-000398	INDUCTOR-SMD;10uH,10%,3.2x2.5x2.2mm	
L601	2703-000409	INDUCTOR-SMD;47uH,10%,3.2x2.5x2.2mm	
L701	2703-000397	INDUCTOR-SMD;33uH,10%,2.5x2x1.8mm	
L702	2703-000002	INDUCTOR-SMD;100uH,10%,2.5x3.2x2mm	
L901	2703-001863	INDUCTOR-SMD;6.8UH,20%,2.5X2X1.8MM	
L902	2703-000402	INDUCTOR-SMD;1uH,20%,3.2x2.5x2.2mm	
L903	2703-001872	INDUCTOR-SMD;22UH,20%,6X6X2.8MM	
L904	2703-001863	INDUCTOR-SMD;6.8UH,20%,2.5X2X1.8MM	
L905	2703-000398	INDUCTOR-SMD;10uH,10%,3.2x2.5x2.2mm	
L906	2703-000398	INDUCTOR-SMD;10uH,10%,3.2x2.5x2.2mm	
L907	2703-001863	INDUCTOR-SMD;6.8UH,20%,2.5X2X1.8MM	
L908	2703-001863	INDUCTOR-SMD;6.8UH,20%,2.5X2X1.8MM	
L909	2703-001863	INDUCTOR-SMD;6.8UH,20%,2.5X2X1.8MM	
L910	2703-000402	INDUCTOR-SMD;1uH,20%,3.2x2.5x2.2mm	
L911	2703-001910	INDUCTOR-SMD;68uH,20%,6x6x2.8mm	
L912	2703-001910	INDUCTOR-SMD;68uH,20%,6x6x2.8mm	
L913	2703-000397	INDUCTOR-SMD;33uH,10%,2.5x2x1.8mm	
L914	2703-000397	INDUCTOR-SMD;33uH,10%,2.5x2x1.8mm	
L915	2703-000397	INDUCTOR-SMD;33uH,10%,2.5x2x1.8mm	
L916	2703-000397	INDUCTOR-SMD;33uH,10%,2.5x2x1.8mm	
L917	2703-000402	INDUCTOR-SMD;1uH,20%,3.2x2.5x2.2mm	
L918	2703-001872	INDUCTOR-SMD;22UH,20%,6X6X2.8MM	
L919	2703-000411	INDUCTOR-SMD;4.7uH,20%,3.2x2.5x2.2mm	
L920	2703-000398	INDUCTOR-SMD;10uH,10%,3.2x2.5x2.2mm	
L921	2703-000398	INDUCTOR-SMD;10uH,10%,3.2x2.5x2.2mm	
L922	2703-000398	INDUCTOR-SMD;10uH,10%,3.2x2.5x2.2mm	
LD01	2703-001883	INDUCTOR-SMD;22uH,10%,2.5x2x1.8mm	
LD02	2703-000403	INDUCTOR-SMD;22uH,10%,3.2x2.5x2.2mm	
LP01	2703-001883	INDUCTOR-SMD;22uH,10%,2.5x2x1.8mm	
LP02	2703-000403	INDUCTOR-SMD;22uH,10%,3.2x2.5x2.2mm	
LP03	2703-001883	INDUCTOR-SMD;22uH,10%,2.5x2x1.8mm	
LP04	2703-001883	INDUCTOR-SMD;22uH,10%,2.5x2x1.8mm	
LP05	2703-001883	INDUCTOR-SMD;22uH,10%,2.5x2x1.8mm	
LP06	2703-000403	INDUCTOR-SMD;22uH,10%,3.2x2.5x2.2mm	
LP07	2703-001883	INDUCTOR-SMD;22uH,10%,2.5x2x1.8mm	
LP08	2703-000366	INDUCTOR-SMD;22uH,5%,2.5x2x1.8mm	
LP09	2703-000373	INDUCTOR-SMD;68uH,5%,2.5x2x1.8mm	
LP10	2703-001883	INDUCTOR-SMD;22uH,10%,2.5x2x1.8mm	
LP11	2703-001883	INDUCTOR-SMD;22uH,10%,2.5x2x1.8mm	
LP12	2703-001883	INDUCTOR-SMD;22uH,10%,2.5x2x1.8mm	
Q130	0501-002128	TR-SMALL SIGNAL;KTC4075,NPN,100mW,USM,TP	
Q131	0501-002311	TR-SMALL SIGNAL;HN2A01FU,PNP,200mW,UMD6,	
Q140	0501-002312	TR-SMALL SIGNAL;HN2C01FU,NPN,200mW,UMD6,	
Q141	0501-002312	TR-SMALL SIGNAL;HN2C01FU,NPN,200mW,UMD6,	
Q142	0501-002128	TR-SMALL SIGNAL;KTC4075,NPN,100mW,USM,TP	
Q143	0501-002128	TR-SMALL SIGNAL;KTC4075,NPN,100mW,USM,TP	
Q144	0501-002128	TR-SMALL SIGNAL;KTC4075,NPN,100mW,USM,TP	
Q145	0501-000448	TR-SMALL SIGNAL;KTC3880Y,NPN,100mW,SOT-2	
Q146	0501-002128	TR-SMALL SIGNAL;KTC4075,NPN,100mW,USM,TP	
Q147	0504-001032	TR-DIGITAL;KRC404,NPN,100MW,47K/47K,SOT-	
Q148	0504-001032	TR-DIGITAL;KRC404,NPN,100MW,47K/47K,SOT-	
Q149	0504-001032	TR-DIGITAL;KRC404,NPN,100MW,47K/47K,SOT-	
Q181	0501-002128	TR-SMALL SIGNAL;KTC4075,NPN,100mW,USM,TP	
Q182	0501-002128	TR-SMALL SIGNAL;KTC4075,NPN,100mW,USM,TP	
Q221	0501-002312	TR-SMALL SIGNAL;HN2C01FU,NPN,200mW,UMD6,	
Q261	0501-002310	TR-SMALL SIGNAL;HN1B04FU,PNP/NPN,200mW,U	
Q262	0504-001032	TR-DIGITAL;KRC404,NPN,100MW,47K/47K,SOT-	
Q263	0501-002171	TR-SMALL SIGNAL;KTA2014,PNP,100mW,SOT-32	
Q271	0501-002312	TR-SMALL SIGNAL;HN2C01FU,NPN,200mW,UMD6,	
Q272	0501-002128	TR-SMALL SIGNAL;KTC4075,NPN,100mW,USM,TP	
Q281	0501-002312	TR-SMALL SIGNAL;HN2C01FU,NPN,200mW,UMD6,	
Q282	0501-002171	TR-SMALL SIGNAL;KTA2014,PNP,100mW,SOT-32	
Q301	0501-002128	TR-SMALL SIGNAL;KTC4075,NPN,100mW,USM,TP	
Q302	0501-002128	TR-SMALL SIGNAL;KTC4075,NPN,100mW,USM,TP	
Q351	0501-002171	TR-SMALL SIGNAL;KTA2014,PNP,100mW,SOT-32	
Q352	0504-001032	TR-DIGITAL;KRC404,NPN,100MW,47K/47K,SOT-	
Q501	0501-000172	TR-SMALL SIGNAL;2SB1121,PNP,500mW,PCP,TP	
Q502	0504-001038	TR-DIGITAL;KRC402,NPN,100MW,10K/10K,SOT-	
Q503	0501-002312	TR-SMALL SIGNAL;HN2C01FU,NPN,200mW,UMD6,	
Q504	0501-002312	TR-SMALL SIGNAL;HN2C01FU,NPN,200mW,UMD6,	
Q601	0504-001040	TR-DIGITAL;KRC403,NPN,100MW,22K/22K,SOT-	
Q701	0501-000546	TR-SMALL SIGNAL;KTA1298,PNP,200mW,SOT-23	
Q702	0504-001038	TR-DIGITAL;KRC402,NPN,100MW,10K/10K,SOT-	
Q703	0501-002312	TR-SMALL SIGNAL;HN2C01FU,NPN,200mW,UMD6,	
Q761	0504-001036	TR-DIGITAL;KRA304,PNP,100mW,47K/47Kohm,S	
Q762	0501-002128	TR-SMALL SIGNAL;KTC4075,NPN,100mW,USM,TP	
Q901	0501-000681	TR-SMALL SIGNAL;FP101,PNP,1.3W,PCP4,TP,1	
Q902	0501-000546	TR-SMALL SIGNAL;KTA1298,PNP,200mW,SOT-23	
Q903	0504-001032	TR-DIGITAL;KRC404,NPN,100MW,47K/47K,SOT-	
Q906	0501-000681	TR-SMALL SIGNAL;FP101,PNP,1.3W,PCP4,TP,1	
Q907	0501-000681	TR-SMALL SIGNAL;FP101,PNP,1.3W,PCP4,TP,1	

Loc. No	Part No	Desc & Spec	Remark
Q908	0501-000172	TR-SMALL SIGNAL;2SB1121,PNP,500mW,PCP,TP	
Q909	0501-000681	TR-SMALL SIGNAL;FP101,PNP,1.3W,PCP4,TP,1	
QP01	0504-001032	TR-DIGITAL;KRC404,NPN,100MW,47K/47K,SOT-	
QP02	0501-002128	TR-SMALL SIGNAL;KTC4075,NPN,100mW,USM,TP	
QP03	0504-001032	TR-DIGITAL;KRC404,NPN,100MW,47K/47K,SOT-	
QP04	0504-001032	TR-DIGITAL;KRC404,NPN,100MW,47K/47K,SOT-	
QP05	0504-001040	TR-DIGITAL;KRC403,NPN,100MW,22K/22K,SOT-	
QP06	0504-001032	TR-DIGITAL;KRC404,NPN,100MW,47K/47K,SOT-	
QP07	0501-000596	TR-SMALL SIGNAL;2SB970R,PNP,200MW,SOT-23	
QP08	0501-002171	TR-SMALL SIGNAL;KTA2014,PNP,100mW,SOT-32	
QP09	0501-002128	TR-SMALL SIGNAL;KTC4075,NPN,100mW,USM,TP	
QP10	0501-002171	TR-SMALL SIGNAL;KTA2014,PNP,100mW,SOT-32	
QP11	0501-002171	TR-SMALL SIGNAL;KTA2014,PNP,100mW,SOT-32	
QP12	0504-001032	TR-DIGITAL;KRC404,NPN,100MW,47K/47K,SOT-	
R101	2007-000123	R-CHIP;1.5Kohm,5%,1/16W,DA,TP,1608	
R102	2007-000082	R-CHIP;3.3Kohm,5%,1/16W,DA,TP,1608	
R103	2007-000081	R-CHIP;2.7Kohm,5%,1/16W,DA,TP,1608	
R104	2007-000082	R-CHIP;3.3Kohm,5%,1/16W,DA,TP,1608	
R105	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
R106	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
R107	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
R108	2007-000100	R-CHIP;68Kohm,5%,1/16W,DA,TP,1608	
R111	2007-000123	R-CHIP;1.5Kohm,5%,1/16W,DA,TP,1608	
R112	2007-000097	R-CHIP;47Kohm,5%,1/16W,DA,TP,1608	
R113	2007-000092	R-CHIP;15Kohm,5%,1/16W,DA,TP,1608	
R114	2007-000118	R-CHIP;390ohm,5%,1/16W,DA,TP,1608	
R115	2007-000118	R-CHIP;390ohm,5%,1/16W,DA,TP,1608	
R116	2007-000092	R-CHIP;15Kohm,5%,1/16W,DA,TP,1608	
R117	2007-000097	R-CHIP;47Kohm,5%,1/16W,DA,TP,1608	
R118	2007-000123	R-CHIP;1.5Kohm,5%,1/16W,DA,TP,1608	
R130	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
R131	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
R132	2007-000134	R-CHIP;33Kohm,5%,1/16W,DA,TP,1608	
R133	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
R134	2007-000075	R-CHIP;220ohm,5%,1/16W,DA,TP,1608	
R135	2007-000643	R-CHIP;270ohm,5%,1/16W,DA,TP,1608	
R136	2007-000082	R-CHIP;3.3Kohm,5%,1/16W,DA,TP,1608	
R137	2007-000071	R-CHIP;22ohm,5%,1/16W,DA,TP,1608	
R140	2007-000458	R-CHIP;18Kohm,5%,1/16W,DA,TP,1608	
R141	2007-000119	R-CHIP;560ohm,5%,1/16W,DA,TP,1608	
R142	2007-000076	R-CHIP;330ohm,5%,1/16W,DA,TP,1608	
R143	2007-000134	R-CHIP;33Kohm,5%,1/16W,DA,TP,1608	
R144	2007-000124	R-CHIP;2.2Kohm,5%,1/16W,DA,TP,1608	
R145	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
R146	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
R147	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R148	2007-000124	R-CHIP;2.2Kohm,5%,1/16W,DA,TP,1608	
R149	2007-000092	R-CHIP;15Kohm,5%,1/16W,DA,TP,1608	
R150	2007-000075	R-CHIP;220ohm,5%,1/16W,DA,TP,1608	
R151	2007-000134	R-CHIP;33Kohm,5%,1/16W,DA,TP,1608	
R152	2007-000119	R-CHIP;560ohm,5%,1/16W,DA,TP,1608	
R153	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R154	2007-000121	R-CHIP;820ohm,5%,1/16W,DA,TP,1608	
R155	2007-000121	R-CHIP;820ohm,5%,1/16W,DA,TP,1608	
R156	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R157	2007-000124	R-CHIP;2.2Kohm,5%,1/16W,DA,TP,1608	
R158	2007-000123	R-CHIP;1.5Kohm,5%,1/16W,DA,TP,1608	
R159	2007-000122	R-CHIP;1.2Kohm,5%,1/16W,DA,TP,1608	NTSC
R159	2007-001157	R-CHIP;750ohm,5%,1/16W,DA,TP,160	PAL
R160	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R161	2007-000091	R-CHIP;12Kohm,5%,1/16W,DA,TP,1608	
R162	2007-000077	R-CHIP;470ohm,5%,1/16W,DA,TP,1608	NTSC
R162	2007-000076	R-CHIP;330ohm,5%,1/16W,DA,TP,1608	PAL
R163	2007-000076	R-CHIP;330ohm,5%,1/16W,DA,TP,1608	
R164	2007-000079	R-CHIP;1.8Kohm,5%,1/16W,DA,TP,1608	
R165	2007-000123	R-CHIP;1.5Kohm,5%,1/16W,DA,TP,1608	
R166	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R167	2007-000458	R-CHIP;18Kohm,5%,1/16W,DA,TP,1608	
R168	2007-000458	R-CHIP;18Kohm,5%,1/16W,DA,TP,1608	
R169	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R170	2007-000123	R-CHIP;1.5Kohm,5%,1/16W,DA,TP,1608	
R171	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
R180	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
R181	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
R182	2007-000124	R-CHIP;2.2Kohm,5%,1/16W,DA,TP,1608	
R183	2007-000119	R-CHIP;560ohm,5%,1/16W,DA,TP,1608	
R184	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R185	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R186	2007-000124	R-CHIP;2.2Kohm,5%,1/16W,DA,TP,1608	
R201	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R205	2007-000583	R-CHIP;22Kohm,1%,1/16W,DA,TP,1608	
R206	2007-000119	R-CHIP;560ohm,5%,1/16W,DA,TP,1608	NTSC
R206	2007-000120	R-CHIP;680ohm,5%,1/16W,DA,TP,1608	PAL
R207	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R210	2007-000081	R-CHIP;2.7Kohm,5%,1/16W,DA,TP,1608	
R211	2007-000082	R-CHIP;3.3Kohm,5%,1/16W,DA,TP,1608	NTSC
R211	2007-000124	R-CHIP;2.2Kohm,5%,1/16W,DA,TP,1608	PAL
R212	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R213	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R214	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	

Loc. No	Part No	Desc & Spec	Remark
R215	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R216	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R217	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R218	2007-000929	R-CHIP;470ohm,1%,1/16W,DA,TP,1608	
R219	2007-000219	R-CHIP;1.2Kohm,1%,1/16W,DA,TP,1608	
R220	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
R221	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R222	2007-000087	R-CHIP;6.8Kohm,5%,1/16W,DA,TP,1608	
R224	2007-000109	R-CHIP;1Mohm,5%,1/16W,DA,TP,1608	
R225	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R226	2007-000123	R-CHIP;1.5Kohm,5%,1/16W,DA,TP,1608	
R227	2007-000124	R-CHIP;2.2Kohm,5%,1/16W,DA,TP,1608	
R235	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
R261	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
R262	2007-000123	R-CHIP;1.5Kohm,5%,1/16W,DA,TP,1608	
R263	2007-000121	R-CHIP;820ohm,5%,1/16W,DA,TP,1608	
R264	2007-000121	R-CHIP;820ohm,5%,1/16W,DA,TP,1608	
R266	2007-000079	R-CHIP;1.8Kohm,5%,1/16W,DA,TP,1608	
R267	2007-000119	R-CHIP;560ohm,5%,1/16W,DA,TP,1608	
R268	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
R271	2007-000458	R-CHIP;18Kohm,5%,1/16W,DA,TP,1608	
R272	2007-001179	R-CHIP;8.2Kohm,5%,1/16W,DA,TP,1608	
R273	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R274	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R275	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R276	2007-000124	R-CHIP;2.2Kohm,5%,1/16W,DA,TP,1608	
R277	2007-000092	R-CHIP;15Kohm,5%,1/16W,DA,TP,1608	
R278	2007-001179	R-CHIP;8.2Kohm,5%,1/16W,DA,TP,1608	
R279	2007-000124	R-CHIP;2.2Kohm,5%,1/16W,DA,TP,1608	
R284	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R285	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
R287	2007-000458	R-CHIP;18Kohm,5%,1/16W,DA,TP,1608	
R288	2007-000092	R-CHIP;15Kohm,5%,1/16W,DA,TP,1608	
R289	2007-000124	R-CHIP;2.2Kohm,5%,1/16W,DA,TP,1608	
R290	2007-000122	R-CHIP;1.2Kohm,5%,1/16W,DA,TP,1608	
R291	2007-000081	R-CHIP;2.7Kohm,5%,1/16W,DA,TP,1608	
R292	2007-000121	R-CHIP;820ohm,5%,1/16W,DA,TP,1608	NTSC
R292	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	PAL
R293	2007-000124	R-CHIP;2.2Kohm,5%,1/16W,DA,TP,1608	
R294	2007-000109	R-CHIP;1Mohm,5%,1/16W,DA,TP,1608	
R296	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
R301	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
R302	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R303	2007-000092	R-CHIP;15Kohm,5%,1/16W,DA,TP,1608	
R304	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	

Loc. No	Part No	Desc & Spec	Remark
R305	2007-001179	R-CHIP;8.2Kohm,5%,1/16W,DA,TP,1608	
R307	2007-000123	R-CHIP;1.5Kohm,5%,1/16W,DA,TP,1608	
R308	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R309	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R351	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
R352	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R381	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R382	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R383	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R391	2007-000458	R-CHIP;18Kohm,5%,1/16W,DA,TP,1608	
R392	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R393	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R394	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R395	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R401	2007-000450	R-CHIP;180ohm,5%,1/16W,DA,TP,1608	
R402	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R403	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R404	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R405	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R406	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R407	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R408	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R409	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R410	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R411	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R412	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R413	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R501	2007-000124	R-CHIP;2.2Kohm,5%,1/16W,DA,TP,1608	
R502	2007-000124	R-CHIP;2.2Kohm,5%,1/16W,DA,TP,1608	
R503	2007-000092	R-CHIP;15Kohm,5%,1/16W,DA,TP,1608	
R504	2007-000098	R-CHIP;56Kohm,5%,1/16W,DA,TP,1608	
R507	2007-001179	R-CHIP;8.2Kohm,5%,1/16W,DA,TP,1608	
R508	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
R509	2007-000107	R-CHIP;470Kohm,5%,1/16W,DA,TP,1608	
R510	2007-000109	R-CHIP;1Mohm,5%,1/16W,DA,TP,1608	
R511	2007-000123	R-CHIP;1.5Kohm,5%,1/16W,DA,TP,1608	
R512	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R513	2007-000124	R-CHIP;2.2Kohm,5%,1/16W,DA,TP,1608	
R514	2007-000123	R-CHIP;1.5Kohm,5%,1/16W,DA,TP,1608	
R515	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
R516	2007-000109	R-CHIP;1Mohm,5%,1/16W,DA,TP,1608	
R517	2007-000130	R-CHIP;39Kohm,5%,1/16W,DA,TP,1608	
R518	2007-000503	R-CHIP;2.2ohm,5%,1/16W,DA,TP,1608	
R519	2007-000503	R-CHIP;2.2ohm,5%,1/16W,DA,TP,1608	
R520	2007-000503	R-CHIP;2.2ohm,5%,1/16W,DA,TP,1608	

Loc. No	Part No	Desc & Spec	Remark
R521	2007-000483	R-CHIP;1OHM,5%,1/10W,DA,TP,2012	
R522	2007-000483	R-CHIP;1OHM,5%,1/10W,DA,TP,2012	
R523	2007-000483	R-CHIP;1OHM,5%,1/10W,DA,TP,2012	
R524	2007-000483	R-CHIP;1OHM,5%,1/10W,DA,TP,2012	
R525	2007-000483	R-CHIP;1OHM,5%,1/10W,DA,TP,2012	
R526	2007-000483	R-CHIP;1OHM,5%,1/10W,DA,TP,2012	
R527	2007-000097	R-CHIP;47Kohm,5%,1/16W,DA,TP,1608	
R528	2007-000082	R-CHIP;3.3Kohm,5%,1/16W,DA,TP,1608	
R529	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R530	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R531	2007-000091	R-CHIP;12Kohm,5%,1/16W,DA,TP,1608	
R532	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R533	2007-000097	R-CHIP;47Kohm,5%,1/16W,DA,TP,1608	
R534	2007-000130	R-CHIP;39Kohm,5%,1/16W,DA,TP,1608	
R535	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	NTSC
R535	2007-000092	R-CHIP;15Kohm,5%,1/16W,DA,TP,1608	PAL
R536	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R537	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R538	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R539	2007-000120	R-CHIP;680ohm,5%,1/16W,DA,TP,1608	
R540	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
R541	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R542	2007-000077	R-CHIP;470ohm,5%,1/16W,DA,TP,1608	
R544	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R545	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R547	2007-000106	R-CHIP;220Kohm,5%,1/16W,DA,TP,1608	
R548	2007-000106	R-CHIP;220Kohm,5%,1/16W,DA,TP,1608	
R549	2007-000106	R-CHIP;220Kohm,5%,1/16W,DA,TP,1608	
R550	2007-000106	R-CHIP;220Kohm,5%,1/16W,DA,TP,1608	
R551	2007-000104	R-CHIP;150Kohm,5%,1/16W,DA,TP,1608	
R552	2007-000104	R-CHIP;150Kohm,5%,1/16W,DA,TP,1608	
R553	2007-000109	R-CHIP;1Mohm,5%,1/16W,DA,TP,1608	
R554	2007-000109	R-CHIP;1Mohm,5%,1/16W,DA,TP,1608	
R555	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R557	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R558	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R559	2007-000123	R-CHIP;1.5Kohm,5%,1/16W,DA,TP,1608	
R560	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R564	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R565	2007-000755	R-CHIP;330Kohm,1%,1/16W,DA,TP,1608	
R566	2007-000755	R-CHIP;330Kohm,1%,1/16W,DA,TP,1608	
R567	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R607	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R608	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R609	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	

Loc. No	Part No	Desc & Spec	Remark
R610	2007-000065	R-CHIP;2.2Mohm,5%,1/16W,DA,TP,1608	
R611	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R612	2007-000106	R-CHIP;220Kohm,5%,1/16W,DA,TP,1608	
R613	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R614	2007-000106	R-CHIP;220Kohm,5%,1/16W,DA,TP,1608	
R615	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R616	2007-000106	R-CHIP;220Kohm,5%,1/16W,DA,TP,1608	
R617	2007-000106	R-CHIP;220Kohm,5%,1/16W,DA,TP,1608	
R618	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R619	2007-000106	R-CHIP;220Kohm,5%,1/16W,DA,TP,1608	
R620	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R621	2007-000106	R-CHIP;220Kohm,5%,1/16W,DA,TP,1608	
R622	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R623	2007-000106	R-CHIP;220Kohm,5%,1/16W,DA,TP,1608	
R625	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
R626	2007-000106	R-CHIP;220Kohm,5%,1/16W,DA,TP,1608	
R629	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R630	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
R631	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R632	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
R633	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R634	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
R635	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R636	2007-000075	R-CHIP;220ohm,5%,1/16W,DA,TP,1608	
R637	2007-000077	R-CHIP;470ohm,5%,1/16W,DA,TP,1608	
R638	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R639	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R640	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R641	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R642	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R643	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R644	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R645	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
R646	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R647	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R648	2007-000060	R-CHIP;100Kohm,1%,1/16W,DA,TP,1608	
R649	2007-000109	R-CHIP;1Mohm,5%,1/16W,DA,TP,1608	
R650	2007-000109	R-CHIP;1Mohm,5%,1/16W,DA,TP,1608	
R651	2007-000060	R-CHIP;100Kohm,1%,1/16W,DA,TP,1608	
R652	2007-000060	R-CHIP;100Kohm,1%,1/16W,DA,TP,1608	
R653	2007-000106	R-CHIP;220Kohm,5%,1/16W,DA,TP,1608	
R654	2007-000109	R-CHIP;1Mohm,5%,1/16W,DA,TP,1608	
R655	2007-000052	R-CHIP;10Kohm,1%,1/16W,DA,TP,1608	
R656	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
R657	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	

Loc. No	Part No	Desc & Spec	Remark
R658	2007-000077	R-CHIP;470ohm,5%,1/16W,DA,TP,1608	
R659	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R660	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R661	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
R662	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R663	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R664	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R665	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
R666	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R667	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R668	2007-000077	R-CHIP;470ohm,5%,1/16W,DA,TP,1608	
R669	2007-000077	R-CHIP;470ohm,5%,1/16W,DA,TP,1608	
R670	2007-000077	R-CHIP;470ohm,5%,1/16W,DA,TP,1608	
R672	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
R695	2007-000455	R-CHIP;18Kohm,1%,1/16W,DA,TP,1608	
R696	2007-000772	R-CHIP;33Kohm,1%,1/16W,DA,TP,1608	
R697	2007-000772	R-CHIP;33Kohm,1%,1/16W,DA,TP,1608	
R698	2007-001125	R-CHIP;68Kohm,1%,1/16W,DA,TP,1608	
R701	2007-001096	R-CHIP;62Kohm,1%,1/16W,DA,TP,1608	
R702	2007-001096	R-CHIP;62Kohm,1%,1/16W,DA,TP,1608	
R703	2007-000736	R-CHIP;30Kohm,1%,1/16W,DA,TP,1608	
R704	2007-000123	R-CHIP;1.5Kohm,5%,1/16W,DA,TP,1608	
R705	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
R708	2007-000134	R-CHIP;33Kohm,5%,1/16W,DA,TP,1608	
R709	2007-000462	R-CHIP;18OHM,5%,1/10W,DA,TP,2012	
R710	2007-000691	R-CHIP;3.3Mohm,5%,1/16W,DA,TP,1608	
R711	2007-000134	R-CHIP;33Kohm,5%,1/16W,DA,TP,1608	
R713	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R714	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R715	2007-000104	R-CHIP;150Kohm,5%,1/16W,DA,TP,1608	
R716	2007-000691	R-CHIP;3.3Mohm,5%,1/16W,DA,TP,1608	
R717	2007-000077	R-CHIP;470ohm,5%,1/16W,DA,TP,1608	
R718	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R719	2007-000121	R-CHIP;820ohm,5%,1/16W,DA,TP,1608	
R720	2007-000124	R-CHIP;2.2Kohm,5%,1/16W,DA,TP,1608	
R721	2007-000122	R-CHIP;1.2Kohm,5%,1/16W,DA,TP,1608	
R722	2007-000708	R-CHIP;3.9Kohm,1%,1/16W,DA,TP,1608	
R723	2007-000124	R-CHIP;2.2Kohm,5%,1/16W,DA,TP,1608	
R724	2007-000124	R-CHIP;2.2Kohm,5%,1/16W,DA,TP,1608	
R725	2007-000450	R-CHIP;180ohm,5%,1/16W,DA,TP,1608	
R726	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
R727	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R728	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R729	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R734	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	

Loc. No	Part No	Desc & Spec	Remark
R742	2007-000097	R-CHIP;47Kohm,5%,1/16W,DA,TP,1608	
R761	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R762	2007-000092	R-CHIP;15Kohm,5%,1/16W,DA,TP,1608	
R763	2007-000072	R-CHIP;47ohm,5%,1/16W,DA,TP,1608	
R901	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
R902	2007-000123	R-CHIP;1.5Kohm,5%,1/16W,DA,TP,1608	
R905	2007-000134	R-CHIP;33Kohm,5%,1/16W,DA,TP,1608	
R906	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	NTSC
R906	2007-000104	R-CHIP;150Kohm,5%,1/16W,DA,TP,1608	PAL
R907	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R908	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R909	2007-000086	R-CHIP;5.6Kohm,5%,1/16W,DA,TP,1608	
R910	2007-000124	R-CHIP;2.2Kohm,5%,1/16W,DA,TP,1608	
R911	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R912	2007-000086	R-CHIP;5.6Kohm,5%,1/16W,DA,TP,1608	
R913	2007-000124	R-CHIP;2.2Kohm,5%,1/16W,DA,TP,1608	
R914	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R915	2007-001695	R-CHIP;22Kohm,0.5%,1/16W,DA,TP,1608	
R916	2007-000092	R-CHIP;15Kohm,5%,1/16W,DA,TP,1608	
R917	2007-000097	R-CHIP;47Kohm,5%,1/16W,DA,TP,1608	
R918	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
R919	2007-001694	R-CHIP;12Kohm,0.5%,1/16W,DA,TP,1608	
R920	2007-001650	R-CHIP;8.2Kohm,0.5%,1/16W,DA,TP,1608	
R921	2007-001643	R-CHIP;100Kohm,0.5%,1/16W,DA,TP,1608	
R922	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
R923	2007-001644	R-CHIP;10Kohm,0.5%,1/16W,DA,TP,1608	
R924	2007-001694	R-CHIP;12Kohm,0.5%,1/16W,DA,TP,1608	
R925	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
R926	2007-001694	R-CHIP;12Kohm,0.5%,1/16W,DA,TP,1608	
R927	2007-001644	R-CHIP;10Kohm,0.5%,1/16W,DA,TP,1608	
R928	2007-000086	R-CHIP;5.6Kohm,5%,1/16W,DA,TP,1608	
R929	2007-001697	R-CHIP;18Kohm,0.5%,1/16W,DA,TP,1608	
R930	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R931	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R932	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
R933	2007-000093	R-CHIP;20Kohm,5%,1/16W,DA,TP,1608	
R940	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
RD05	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
RD51	2007-000309	R-CHIP;10ohm,5%,1/16W,DA,TP,1608	
RP01	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
RP02	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
RP03	2007-000092	R-CHIP;15Kohm,5%,1/16W,DA,TP,1608	
RP04	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
RP05	2007-000075	R-CHIP;220ohm,5%,1/16W,DA,TP,1608	
RP06	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	

Loc. No	Part No	Desc & Spec	Remark
RP07	2007-000104	R-CHIP;150Kohm,5%,1/16W,DA,TP,1608	
RP08	2007-000125	R-CHIP;3.9Kohm,5%,1/16W,DA,TP,1608	
RP09	2007-000125	R-CHIP;3.9Kohm,5%,1/16W,DA,TP,1608	
RP10	2007-000104	R-CHIP;150Kohm,5%,1/16W,DA,TP,1608	
RP101	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
RP102	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
RP103	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
RP104	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
RP105	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
RP106	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
RP107	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
RP108	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
RP109	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
RP11	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
RP110	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
RP12	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
RP121	2007-000091	R-CHIP;12Kohm,5%,1/16W,DA,TP,1608	
RP122	2007-000637	R-CHIP;270Kohm,5%,1/16W,DA,TP,1608	
RP123	2007-000077	R-CHIP;470ohm,5%,1/16W,DA,TP,1608	
RP124	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
RP125	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
RP126	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
RP127	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
RP128	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
RP129	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
RP13	2007-000096	R-CHIP;30Kohm,5%,1/16W,DA,TP,1608	
RP130	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
RP131	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
RP132	2007-000309	R-CHIP;10ohm,5%,1/16W,DA,TP,1608	
RP133	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
RP134	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
RP135	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
RP136	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
RP137	2007-000097	R-CHIP;47Kohm,5%,1/16W,DA,TP,1608	
RP138	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
RP139	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
RP14	2007-000134	R-CHIP;33Kohm,5%,1/16W,DA,TP,1608	
RP140	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
RP141	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
RP143	2007-000091	R-CHIP;12Kohm,5%,1/16W,DA,TP,1608	
RP144	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
RP145	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
RP15	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
RP16	2007-000134	R-CHIP;33Kohm,5%,1/16W,DA,TP,1608	
RP17	2007-000124	R-CHIP;2.2Kohm,5%,1/16W,DA,TP,1608	

Loc. No	Part No	Desc & Spec	Remark
RP19	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
RP20	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
RP21	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
RP22	2007-000637	R-CHIP;270Kohm,5%,1/16W,DA,TP,1608	
RP23	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
RP24	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
RP25	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
RP26	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
RP27	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
RP28	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
RP29	2007-000863	R-CHIP;4.3OHM,5%,1/10W,DA,TP,2012	
RP30	2007-000863	R-CHIP;4.3OHM,5%,1/10W,DA,TP,2012	
RP300	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
RP303	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
RP304	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
RP31	2007-000863	R-CHIP;4.3OHM,5%,1/10W,DA,TP,2012	
RP32	2007-000863	R-CHIP;4.3OHM,5%,1/10W,DA,TP,2012	
RP33	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
RP34	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
RP35	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
RP36	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
RP37	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
RP38	2007-000098	R-CHIP;56Kohm,5%,1/16W,DA,TP,1608	
RP39	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
RP40	2007-000097	R-CHIP;47Kohm,5%,1/16W,DA,TP,1608	
RP41	2007-000097	R-CHIP;47Kohm,5%,1/16W,DA,TP,1608	
RP42	2007-000098	R-CHIP;56Kohm,5%,1/16W,DA,TP,1608	
RP43	2007-000076	R-CHIP;330ohm,5%,1/16W,DA,TP,1608	
RP44	2007-000076	R-CHIP;330ohm,5%,1/16W,DA,TP,1608	
RP45	2007-000098	R-CHIP;56Kohm,5%,1/16W,DA,TP,1608	
RP47	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
RP48	2007-000309	R-CHIP;10ohm,5%,1/16W,DA,TP,1608	
RP49	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
RP50	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
RP51	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
RP52	2007-000309	R-CHIP;10ohm,5%,1/16W,DA,TP,1608	
RP53	2007-000309	R-CHIP;10ohm,5%,1/16W,DA,TP,1608	
RP54	2007-000309	R-CHIP;10ohm,5%,1/16W,DA,TP,1608	
RP55	2007-000309	R-CHIP;10ohm,5%,1/16W,DA,TP,1608	
RP56	2007-000309	R-CHIP;10ohm,5%,1/16W,DA,TP,1608	
RP57	2007-000309	R-CHIP;10ohm,5%,1/16W,DA,TP,1608	
RP58	2007-000309	R-CHIP;10ohm,5%,1/16W,DA,TP,1608	
RP59	2007-000109	R-CHIP;1Mohm,5%,1/16W,DA,TP,1608	
RP60	2007-000119	R-CHIP;560ohm,5%,1/16W,DA,TP,1608	
RP61	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	

Loc. No	Part No	Desc & Spec	Remark
RP62	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
RP63	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
RP64	2007-000109	R-CHIP;1Mohm,5%,1/16W,DA,TP,1608	
RP65	2007-000079	R-CHIP;1.8Kohm,5%,1/16W,DA,TP,1608	
RP66	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
RP68	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
RP69	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
RP70	2007-000402	R-CHIP;150ohm,5%,1/16W,DA,TP,1608	
RP71	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
RP72	2007-000123	R-CHIP;1.5Kohm,5%,1/16W,DA,TP,1608	
RP73	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
RP74	2007-000122	R-CHIP;1.2Kohm,5%,1/16W,DA,TP,1608	
RP75	2007-000052	R-CHIP;10Kohm,1%,1/16W,DA,TP,1608	
RP76	2007-000402	R-CHIP;150ohm,5%,1/16W,DA,TP,1608	
RP77	2007-000583	R-CHIP;22Kohm,1%,1/16W,DA,TP,1608	
RP78	2007-000124	R-CHIP;2.2Kohm,5%,1/16W,DA,TP,1608	
RP79	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
RP80	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
RP81	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
RP82	2007-000097	R-CHIP;47Kohm,5%,1/16W,DA,TP,1608	
RP83	2007-000075	R-CHIP;220ohm,5%,1/16W,DA,TP,1608	
RP84	2007-000402	R-CHIP;150ohm,5%,1/16W,DA,TP,1608	
RP85	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
RP86	2007-000097	R-CHIP;47Kohm,5%,1/16W,DA,TP,1608	
RP87	2007-000097	R-CHIP;47Kohm,5%,1/16W,DA,TP,1608	
RP88	2007-000122	R-CHIP;1.2Kohm,5%,1/16W,DA,TP,1608	
RP89	2007-000052	R-CHIP;10Kohm,1%,1/16W,DA,TP,1608	
RP90	2007-000583	R-CHIP;22Kohm,1%,1/16W,DA,TP,1608	
RP91	2007-000402	R-CHIP;150ohm,5%,1/16W,DA,TP,1608	
RP92	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
RP93	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
RP94	2007-000124	R-CHIP;2.2Kohm,5%,1/16W,DA,TP,1608	
RP95	2007-000097	R-CHIP;47Kohm,5%,1/16W,DA,TP,1608	
RP96	2007-000097	R-CHIP;47Kohm,5%,1/16W,DA,TP,1608	
RP97	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
RP98	2007-000091	R-CHIP;12Kohm,5%,1/16W,DA,TP,1608	
RP99	2007-000091	R-CHIP;12Kohm,5%,1/16W,DA,TP,1608	
RW01	2007-000863	R-CHIP;4.3OHM,5%,1/10W,DA,TP,2012	
SW601	3404-001034	SWITCH-TACT;12V,50mA,160gf,4x7.4x1.8mm,S	
SW603	3404-001034	SWITCH-TACT;12V,50mA,160gf,4x7.4x1.8mm,S	
SW604	3404-001034	SWITCH-TACT;12V,50mA,160gf,4x7.4x1.8mm,S	
SW605	3404-001034	SWITCH-TACT;12V,50mA,160gf,4x7.4x1.8mm,S	
SW606	3404-001034	SWITCH-TACT;12V,50mA,160gf,4x7.4x1.8mm,S	
T901	AD26-00017A	TRANS;-,42uH,8P,15V,460KHz,FERRITE,M	
X601	2801-003242	CRYSTAL-SMD;11.895104MHz,50ppm,28-ABL,13	NTSC
X601	2801-003239	CRYSTAL-SMD;11.71875MHz,50ppm,28-ABL,13p	PAL
XP01	2801-003919	CRYSTAL-SMD;28.636MHz,40ppm,28-ABL,7pF,6	NTSC
XP01	2801-003918	CRYSTAL-SMD;28.375MHz,40ppm,28-ABL,7pF,6	PAL
XP02	2801-000258	CRYSTAL-UNIT;32.768KHz,20ppm,28-AAW,12	
XP03	2801-003242	CRYSTAL-SMD;11.895104MHz,50ppm,28-ABL,13	
		ASSY-MAIN BOARD (HI8)	
C001	2203-000332	C-CERAMIC,CHIP;0.012nF,5%,50V,NP0,TP,160	
C002	2203-000888	C-CERAMIC,CHIP;4.7nF,10%,50V,X7R,TP,1608	
C003	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C004	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C005	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C006	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
C007	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C008	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C010	2203-000783	C-CERAMIC,CHIP;0.33nF,5%,50V,NP0,TP,1608	
C011	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
C012	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C014	2404-001039	C-TA,CHIP;47uF,20%,6.3V,GP,TP,3528,-	
C015	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C017	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C018	2203-000626	C-CERAMIC,CHIP;0.022nF,5%,50V,NP0,TP,160	
C019	2203-000604	C-CERAMIC,CHIP;22nF,10%,25V,X7R,TP,1608	
C020	2203-000604	C-CERAMIC,CHIP;22nF,10%,25V,X7R,TP,1608	
C021	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C022	2203-000626	C-CERAMIC,CHIP;0.022nF,5%,50V,NP0,TP,160	
C023	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C024	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C025	2404-001039	C-TA,CHIP;47uF,20%,6.3V,GP,TP,3528,-	
C026	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C027	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C028	2404-001131	C-TA,CHIP;22UF,10%,10V,GP,TP,3528	
C029	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C030	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C031	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
C032	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C033	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C034	2203-001417	C-CERAMIC,CHIP;0.036nF,5%,50V,NP0,TP,160	
C035	2203-000491	C-CERAMIC,CHIP;2.2nF,10%,50V,X7R,TP,1608	
C037	2203-001408	C-CERAMIC,CHIP;0.27nF,5%,50V,NP0,TP,1608	
C038	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C052	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C053	2203-001686	C-CERAMIC,CHIP;0.075nF,5%,50V,NP0,TP,160	
C054	2203-000357	C-CERAMIC,CHIP;0.15nF,5%,50V,NP0,TP,1608	
C055	2203-000236	C-CERAMIC,CHIP;0.1nF,5%,50V,NP0,TP,1608	
C056	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	

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C061	2203-001408	C-CERAMIC,CHIP;0.27nF,5%,50V,NP0,TP,1608	
C101	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C102	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C103	2203-000426	C-CERAMIC,CHIP;0.018nF,5%,50V,NP0,TP,160	
C104	2203-000426	C-CERAMIC,CHIP;0.018nF,5%,50V,NP0,TP,160	
C105	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C106	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C107	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C108	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C109	2203-000384	C-CERAMIC,CHIP;0.015nF,5%,50V,NP0,TP,160	
C110	2203-000384	C-CERAMIC,CHIP;0.015nF,5%,50V,NP0,TP,160	
C111	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C112	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C113	2203-001686	C-CERAMIC,CHIP;0.075nF,5%,50V,NP0,TP,160	
C114	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C115	2203-000851	C-CERAMIC,CHIP;0.039nF,5%,50V,NP0,TP,160	
C116	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C117	2203-000681	C-CERAMIC,CHIP;0.027nF,5%,50V,NP0,TP,160	
C118	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C119	2203-000384	C-CERAMIC,CHIP;0.015nF,5%,50V,NP0,TP,160	
C120	2203-000626	C-CERAMIC,CHIP;0.022nF,5%,50V,NP0,TP,160	
C121	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C122	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C123	2203-001195	C-CERAMIC,CHIP;0.007nF,0.25pF,50V,NP0,TP	
C124	2203-002605	C-CERAMIC,CHIP;0.008nF,0.25pF,50V,NP0,TP	
C125	2203-000426	C-CERAMIC,CHIP;0.018nF,5%,50V,NP0,TP,160	
C126	2203-000384	C-CERAMIC,CHIP;0.015nF,5%,50V,NP0,TP,160	
C127	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C128	2203-001640	C-CERAMIC,CHIP;0.39nF,10%,50V,X7R,TP,160	
C129	2203-001083	C-CERAMIC,CHIP;0.005nF,0.1pF,50V,NP0,TP,	
C130	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C131	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
C132	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C133	2203-000815	C-CERAMIC,CHIP;0.033nF,5%,50V,NP0,TP,160	
C134	2203-000315	C-CERAMIC,CHIP;0.12nF,5%,50V,NP0,TP,1608	
C135	2203-000998	C-CERAMIC,CHIP;0.047nF,5%,50V,NP0,TP,160	
C136	2203-000626	C-CERAMIC,CHIP;0.022nF,5%,50V,NP0,TP,160	
C137	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C138	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C139	2203-000626	C-CERAMIC,CHIP;0.022nF,5%,50V,NP0,TP,160	
C140	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C141	2203-001607	C-CERAMIC,CHIP;0.22nF,5%,50V,NP0,TP,1608	
C142	2203-001683	C-CERAMIC,CHIP;0.068nF,5%,50V,NP0,TP,160	
C143	2203-001113	C-CERAMIC,CHIP;0.062nF,5%,50V,NP0,TP,160	
C144	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	

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C150	2203-001071	C-CERAMIC,CHIP;0.056nF,5%,50V,NP0,TP,160	
C151	2203-000998	C-CERAMIC,CHIP;0.047nF,5%,50V,NP0,TP,160	
C152	2203-000815	C-CERAMIC,CHIP;0.033nF,5%,50V,NP0,TP,160	
C153	2203-000041	C-CERAMIC,CHIP;0.01nF,0.25pF,50V,NP0,TP,	
C154	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C155	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C156	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
C202	2203-001656	C-CERAMIC,CHIP;0.47nF,5%,50V,NP0,TP,1608	
C203	2203-002793	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	
C204	2203-001640	C-CERAMIC,CHIP;0.39nF,10%,50V,X7R,TP,160	
C205	2203-001640	C-CERAMIC,CHIP;0.39nF,10%,50V,X7R,TP,160	
C206	2203-000357	C-CERAMIC,CHIP;0.15nF,5%,50V,NP0,TP,1608	
C207	2203-000357	C-CERAMIC,CHIP;0.15nF,5%,50V,NP0,TP,1608	
C210	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C211	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C212	2203-001697	C-CERAMIC,CHIP;0.082nF,5%,50V,NP0,TP,160	
C213	2203-001652	C-CERAMIC,CHIP;470nF,+80-20%,16V,Y5V,TP,	
C214	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C215	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C217	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C221	2203-001652	C-CERAMIC,CHIP;470nF,+80-20%,16V,Y5V,TP,	
C222	2404-000250	C-TA,CHIP;470nF,20%,25V,-,TP,3216,-	
C223	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C224	2203-001652	C-CERAMIC,CHIP;470nF,+80-20%,16V,Y5V,TP,	
C225	2404-001131	C-TA,CHIP;22UF,10%,10V,GP,TP,3528	
C226	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C227	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C228	2203-001652	C-CERAMIC,CHIP;470nF,+80-20%,16V,Y5V,TP,	
C229	2203-001652	C-CERAMIC,CHIP;470nF,+80-20%,16V,Y5V,TP,	
C230	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C234	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
C235	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
C238	2404-001131	C-TA,CHIP;22UF,10%,10V,GP,TP,3528	
C239	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C240	2404-001131	C-TA,CHIP;22UF,10%,10V,GP,TP,3528	
C241	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C242	2203-002793	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	
C243	2404-000293	C-TA,CHIP;220UF,10%,6.3V,GP,TP,7343H	
C244	2404-000167	C-TA,CHIP;2.2uF,20%,16V,-,TP,3216,-	
C245	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C246	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C247	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
C248	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C249	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
C250	2203-000236	C-CERAMIC,CHIP;0.1nF,5%,50V,NP0,TP,1608	

Loc. No	Part No	Desc & Spec	Remark
C251	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C253	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C254	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C258	2404-000167	C-TA,CHIP;2.2uF,20%,16V,-,TP,3216,-	
C259	2203-000975	C-CERAMIC,CHIP;47nF,10%,25V,X7R,TP,1608,	
C260	2404-000151	C-TA,CHIP;1uF,20%,16V,-,TP,3216,-	
C261	2404-000218	C-TA,CHIP;330nF,20%,35V,-,TP,3216,-	
C262	2404-000167	C-TA,CHIP;2.2uF,20%,16V,-,TP,3216,-	
C263	2203-001607	C-CERAMIC,CHIP;0.22nF,5%,50V,NP0,TP,1608	NTSC
C263	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	PAL
C264	2203-001656	C-CERAMIC,CHIP;0.47nF,5%,50V,NP0,TP,1608	
C273	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C274	2203-000815	C-CERAMIC,CHIP;0.033nF,5%,50V,NP0,TP,160	
C275	2203-000998	C-CERAMIC,CHIP;0.047nF,5%,50V,NP0,TP,160	
C276	2203-000405	C-CERAMIC,CHIP;0.18nF,5%,50V,NP0,TP,1608	
C281	2203-001683	C-CERAMIC,CHIP;0.068nF,5%,50V,NP0,TP,160	
C283	2203-000315	C-CERAMIC,CHIP;0.12nF,5%,50V,NP0,TP,1608	
C340	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C341	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C342	2203-001652	C-CERAMIC,CHIP;470nF,+80-20%,16V,Y5V,TP,	
C343	2404-000293	C-TA,CHIP;220UF,10%,6.3V,GP,TP,7343H	
C344	2404-000167	C-TA,CHIP;2.2uF,20%,16V,-,TP,3216,-	
C351	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
C352	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C354	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C355	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
C356	2203-001652	C-CERAMIC,CHIP;470nF,+80-20%,16V,Y5V,TP,	
C359	2203-001652	C-CERAMIC,CHIP;470nF,+80-20%,16V,Y5V,TP,	
C381	2203-001103	C-CERAMIC,CHIP;6.8nF,10%,50V,X7R,TP,1608	
C383	2203-001408	C-CERAMIC,CHIP;0.27nF,5%,50V,NP0,TP,1608	
C384	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C386	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C401	2203-001652	C-CERAMIC,CHIP;470nF,+80-20%,16V,Y5V,TP,	
C431	2203-000626	C-CERAMIC,CHIP;0.022nF,5%,50V,NP0,TP,160	
C432	2203-000681	C-CERAMIC,CHIP;0.027nF,5%,50V,NP0,TP,160	
C433	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C434	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
C501	2404-000256	C-TA,CHIP;47UF,20%,16V,GP,TP,7343	
C502	2203-002793	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	
C503	2404-001039	C-TA,CHIP;47uF,20%,6.3V,GP,TP,3528,-	
C505	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C506	2203-001640	C-CERAMIC,CHIP;0.39nF,10%,50V,X7R,TP,160	
C507	2203-001607	C-CERAMIC,CHIP;0.22nF,5%,50V,NP0,TP,1608	
C508	2203-001607	C-CERAMIC,CHIP;0.22nF,5%,50V,NP0,TP,1608	
C509	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	

Loc. No	Part No	Desc & Spec	Remark
C510	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C511	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C512	2203-000888	C-CERAMIC,CHIP;4.7nF,10%,50V,X7R,TP,1608	
C513	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C514	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C515	2203-000888	C-CERAMIC,CHIP;4.7nF,10%,50V,X7R,TP,1608	
C516	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C517	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C518	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C519	2203-001630	C-CERAMIC,CHIP;330nF,+80-20%,16V,Y5V,TP,	
C520	2203-000975	C-CERAMIC,CHIP;47nF,10%,25V,X7R,TP,1608,	
C521	2203-002793	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	
C522	2203-000715	C-CERAMIC,CHIP;3.3nF,10%,50V,X7R,TP,1608	
C523	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C524	2203-000491	C-CERAMIC,CHIP;2.2nF,10%,50V,X7R,TP,1608	
C525	2203-000491	C-CERAMIC,CHIP;2.2nF,10%,50V,X7R,TP,1608	
C526	2203-000491	C-CERAMIC,CHIP;2.2nF,10%,50V,X7R,TP,1608	
C527	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
C528	2404-000151	C-TA,CHIP;1uF,20%,16V,-,TP,3216,-	
C529	2203-000975	C-CERAMIC,CHIP;47nF,10%,25V,X7R,TP,1608,	
C530	2203-000888	C-CERAMIC,CHIP;4.7nF,10%,50V,X7R,TP,1608	
C531	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
C534	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C535	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C536	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C537	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C538	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C539	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C541	2404-000284	C-TA,CHIP;10uF,20%,16V,-,TP,3528,-	
C542	2203-001640	C-CERAMIC,CHIP;0.39nF,10%,50V,X7R,TP,160	
C543	2203-000888	C-CERAMIC,CHIP;4.7nF,10%,50V,X7R,TP,1608	NTSC
C543	2203-001662	C-CERAMIC,CHIP;5.6nF,10%,50V,NP0,TP,1608	PAL
C544	2203-000726	C-CERAMIC,CHIP;3.9nF,10%,50V,X7R,TP,1608	NTSC
C544	2203-000888	C-CERAMIC,CHIP;4.7nF,10%,50V,X7R,TP,1608	PAL
C545	2203-001103	C-CERAMIC,CHIP;6.8nF,10%,50V,X7R,TP,1608	
C546	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C547	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C548	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C549	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C550	2404-000232	C-TA,CHIP;4.7uF,20%,10V,-,TP,3216,-	
C551	2404-000232	C-TA,CHIP;4.7uF,20%,10V,-,TP,3216,-	
C552	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C601	2404-001039	C-TA,CHIP;47uF,20%,6.3V,GP,TP,3528,-	
C602	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C604	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	

Loc. No	Part No	Desc & Spec	Remark
C605	2203-000332	C-CERAMIC,CHIP;0.012nF,5%,50V,NP0,TP,160	
C606	2203-000332	C-CERAMIC,CHIP;0.012nF,5%,50V,NP0,TP,160	
C607	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C608	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C609	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
C610	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
C611	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C612	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C613	2203-002793	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	
C614	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C615	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C701	2203-000975	C-CERAMIC,CHIP;47nF,10%,25V,X7R,TP,1608,	
C702	2203-000975	C-CERAMIC,CHIP;47nF,10%,25V,X7R,TP,1608,	
C703	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C705	2203-000975	C-CERAMIC,CHIP;47nF,10%,25V,X7R,TP,1608,	
C706	2404-001131	C-TA,CHIP;22UF,10%,10V,GP,TP,3528	
C707	2404-000246	C-TA,CHIP;4.7uF,20%,6.3V,-,TP,3216,-	
C708	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C709	2404-000246	C-TA,CHIP;4.7uF,20%,6.3V,-,TP,3216,-	
C710	2203-000922	C-CERAMIC,CHIP;470nF,+80-20%,25V,Y5V,TP,	
C711	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
C712	2404-000246	C-TA,CHIP;4.7uF,20%,6.3V,-,TP,3216,-	
C713	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C714	2203-001103	C-CERAMIC,CHIP;6.8nF,10%,50V,X7R,TP,1608	
C715	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C716	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
C717	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C718	2203-000715	C-CERAMIC,CHIP;3.3nF,10%,50V,X7R,TP,1608	
C719	2203-001607	C-CERAMIC,CHIP;0.22nF,5%,50V,NP0,TP,1608	
C720	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C721	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C722	2203-000491	C-CERAMIC,CHIP;2.2nF,10%,50V,X7R,TP,1608	
C723	2404-000151	C-TA,CHIP;1uF,20%,16V,-,TP,3216,-	
C724	2404-000275	C-TA,CHIP;100UF,10%,10V,GP,TP,7343	
C725	2404-001039	C-TA,CHIP;47uF,20%,6.3V,GP,TP,3528,-	
C726	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
C727	2404-000266	C-TA,CHIP;680nF,20%,25V,-,TP,3216,-	
C728	2404-000151	C-TA,CHIP;1uF,20%,16V,-,TP,3216,-	
C729	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
C730	2404-001131	C-TA,CHIP;22UF,10%,10V,GP,TP,3528	
C731	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C732	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C738	2203-000715	C-CERAMIC,CHIP;3.3nF,10%,50V,X7R,TP,1608	
C761	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
C902	2203-000512	C-CERAMIC,CHIP;2200nF,+80-20%,16V,Y5V,TP	
C903	2203-005619	C-CERAMIC,CHIP;4700NF,10%,16V,X5R,TP,321	
C904	2404-001131	C-TA,CHIP;22UF,10%,10V,GP,TP,3528	
C905	2203-002793	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	
C906	2203-002793	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	
C907	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
C908	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
C909	2203-002793	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	
C910	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
C911	2203-002793	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	
C912	2203-005619	C-CERAMIC,CHIP;4700NF,10%,16V,X5R,TP,321	
C913	2404-000284	C-TA,CHIP;10uF,20%,16V,-,TP,3528,-	
C914	2404-000284	C-TA,CHIP;10uF,20%,16V,-,TP,3528,-	
C916	2203-000483	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	
C917	2203-000483	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	
C918	2203-002793	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	
C919	2203-002793	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	
C920	2203-000483	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	
C921	2203-000483	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	
C922	2203-005619	C-CERAMIC,CHIP;4700NF,10%,16V,X5R,TP,321	
C923	2404-001131	C-TA,CHIP;22UF,10%,10V,GP,TP,3528	
C924	2203-002793	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	
C925	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
C926	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
C927	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
C928	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
C929	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
C930	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C931	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C932	2203-001607	C-CERAMIC,CHIP;0.22nF,5%,50V,NP0,TP,1608	
C933	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C934	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C935	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
C936	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
C937	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
C938	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
C939	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
C940	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
C941	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C945	2203-000483	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	
C946	2203-000483	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	
CD03	2404-001131	C-TA,CHIP;22UF,10%,10V,GP,TP,3528	
CD04	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CD05	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CD06	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CD07	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	

Loc. No	Part No	Desc & Spec	Remark
CD08	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CD09	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CD10	2404-001131	C-TA,CHIP;22UF,10%,10V,GP,TP,3528	
CD11	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CD12	2203-002793	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	
CN001	3708-001345	CONNECTOR-FPC/FC/PIC;11P,-,SMD-A,SN	
CN501	3708-001471	CONNECTOR-FPC/FC/PIC;43P,0.5mm,SMD-A,SN	
CN601	3710-000554	CONNECTOR-SOCKET;40P,2R,0.8mm,SMD-A,SN	
CN602	3708-001472	CONNECTOR-FPC/FC/PIC;36P,0.5mm,SMD-A,SN	
CN701	3711-000556	CONNECTOR-HEADER;BOX,12P,1R,1.25mm,SMD-A	
CNP01	3710-001478	CONNECTOR-SOCKET;18P,2R,1MM,SMD-S,SN	
CNP02	3708-001474	CONNECTOR-FPC/FC/PIC;22P,0.5mm,SMD-A,SN	
CP01	2203-000357	C-CERAMIC,CHIP;0.15nF,5%,50V,NP0,TP,1608	
CP02	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP03	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP05	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP06	2203-000799	C-CERAMIC,CHIP;33nF,10%,16V,X7R,TP,1608	
CP07	2203-000799	C-CERAMIC,CHIP;33nF,10%,16V,X7R,TP,1608	
CP08	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP09	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP10	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP100	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP11	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
CP12	2203-000604	C-CERAMIC,CHIP;22nF,10%,25V,X7R,TP,1608	
CP13	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP14	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP15	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
CP16	2404-000190	C-TA,CHIP;22uF,20%,16V,-,TP,5832,-	
CP17	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP18	2203-000815	C-CERAMIC,CHIP;0.033nF,5%,50V,NP0,TP,160	
CP19	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP20	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP21	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP22	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP23	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP24	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP25	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
CP26	2404-000157	C-TA,CHIP;1uF,20%,35V,-,TP,3216,-	
CP27	2404-000212	C-TA,CHIP;3.3uF,20%,25V,-,TP,3528,-	
CP28	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP29	2404-000212	C-TA,CHIP;3.3uF,20%,25V,-,TP,3528,-	
CP30	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP31	2203-002793	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	
CP32	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP33	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP34	2203-001640	C-CERAMIC,CHIP;0.39nF,10%,50V,X7R,TP,160	
CP35	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
CP36	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP37	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP38	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP39	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP40	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP41	2404-001131	C-TA,CHIP;22UF,10%,10V,GP,TP,3528	
CP42	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP43	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP44	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP45	2203-002793	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	
CP46	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP47	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP48	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP49	2404-001131	C-TA,CHIP;22UF,10%,10V,GP,TP,3528	
CP50	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
CP51	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP52	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP53	2203-000041	C-CERAMIC,CHIP;0.01nF,0.25pF,50V,NP0,TP,	
CP54	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP55	2203-001640	C-CERAMIC,CHIP;0.39nF,10%,50V,X7R,TP,160	
CP56	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP58	2203-000626	C-CERAMIC,CHIP;0.022nF,5%,50V,NP0,TP,160	
CP59	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP60	2203-001640	C-CERAMIC,CHIP;0.39nF,10%,50V,X7R,TP,160	
CP61	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP62	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP63	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP64	2203-000384	C-CERAMIC,CHIP;0.015nF,5%,50V,NP0,TP,160	
CP65	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP66	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP67	2203-000681	C-CERAMIC,CHIP;0.027nF,5%,50V,NP0,TP,160	NTSC
CP67	2203-000426	C-CERAMIC,CHIP;0.018nF,5%,50V,NP0,TP,160	PAL
CP68	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
CP69	2203-000998	C-CERAMIC,CHIP;0.047nF,5%,50V,NP0,TP,160	
CP70	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
CP71	2203-000681	C-CERAMIC,CHIP;0.027nF,5%,50V,NP0,TP,160	
CP72	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP73	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP74	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP75	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
CP76	2203-001222	C-CERAMIC,CHIP;820pF,10%,50V,X7R,TP,1608	
CP77	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP78	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	

Loc. No	Part No	Desc & Spec	Remark
CP79	2203-001630	C-CERAMIC,CHIP;330nF,+80-20%,16V,Y5V,TP,	
CP80	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP81	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP82	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP83	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP84	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP85	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP86	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP87	2404-000212	C-TA,CHIP;3.3uF,20%,25V,-,TP,3528,-	
CP88	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
CP89	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP90	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
CP91	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP92	2203-000332	C-CERAMIC,CHIP;0.012nF,5%,50V,NP0,TP,160	
CP93	2203-000332	C-CERAMIC,CHIP;0.012nF,5%,50V,NP0,TP,160	
CP94	2203-002793	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	
CP95	2203-002793	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	
CP96	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP97	2203-000384	C-CERAMIC,CHIP;0.015nF,5%,50V,NP0,TP,160	
CP98	2203-000815	C-CERAMIC,CHIP;0.033nF,5%,50V,NP0,TP,160	
CP99	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CW01	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CW02	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
CW03	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CW04	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
D101	0401-001054	DIODE-SWITCHING;KDS160,85V,300mA,SOD-323	
D357	0401-001058	DIODE-SWITCHING;KDS121,85V,300mA,SOT-323	
D358	0401-001058	DIODE-SWITCHING;KDS121,85V,300mA,SOT-323	
D381	0401-001054	DIODE-SWITCHING;KDS160,85V,300mA,SOD-323	
D501	0401-001054	DIODE-SWITCHING;KDS160,85V,300mA,SOD-323	
D701	0401-001054	DIODE-SWITCHING;KDS160,85V,300mA,SOD-323	
D901	0407-000139	DIODE-ARRAY;IMN10,80V,100mA,CX3,IMD,TP	
D903	0401-001054	DIODE-SWITCHING;KDS160,85V,300mA,SOD-323	
DP01	0405-000143	DIODE-VARACTOR;MA341,30V,10nA,MINI-2,TP	
DP02	0401-001054	DIODE-SWITCHING;KDS160,85V,300mA,SOD-323	
DP03	0401-001058	DIODE-SWITCHING;KDS121,85V,300mA,SOT-323	
DP04	0401-001054	DIODE-SWITCHING;KDS160,85V,300mA,SOD-323	
DP05	0401-001054	DIODE-SWITCHING;KDS160,85V,300mA,SOD-323	
DP06	0401-001058	DIODE-SWITCHING;KDS121,85V,300mA,SOT-323	
DP07	0401-001054	DIODE-SWITCHING;KDS160,85V,300mA,SOD-323	
IC001	1201-001091	IC-PREAMP;2002,QFP,48P,-,SINGLE,1000MV/V	
IC101	1201-001092	IC-RF AMP;1509,QFP,48P,-,SINGLE,-,PLASTI	
IC201	AD14-00032A	IC--VIDEO PROCESS;CXA3540R,VQFP,-,64P,M-	
IC301	1204-001123	IC-VIDEO PROCESS;CXA1822Q,QFP,32P,-,PLAS	
IC302	1001-001042	IC-VIDEO SWITCH;NJM2268V-TE1,CMOS,SOP,8P	
IC303	1204-001643	IC-VIDEO SYSTEM;NJM2509V,SSOP,8P,-,PLAST	
IC381	0801-002327	IC-CMOS LOGIC;74LCX74,D F/F,SOP,14P,300M	
IC401	1002-001125	IC-D/A CONVERTER;M62366GP,8BIT,SSOP,20P,	
IC431	1204-001458	IC-OSD PROCESSOR;M35040-064FP(SEC),DIP,2	
IC501	1204-001124	IC-VIDEO SYSTEM;CXA1814N,SOP,30P,-,PLAST	
IC502	1003-001241	IC-MOTOR DRIVER;LB11990W,SQPF,64P,-,-,1A	
IC503	AC14-12012T	IC-OP AMP;TA75S01F(TE85L),QFP,-	
IC601	AD09-00065A	IC-MCU;CXP87452-150R,SC-M52,-,100P LQ	NTSC
IC601	AD09-00066A	IC-MCU;CXP87452-151R,VP-M53,-,100P LQ	PAL
IC602	0801-002417	IC-CMOS LOGIC;TC7SH04FU(TE12L),SSOP,5P	
IC701	1201-001406	IC-AUDIO AMP;7458,SQFP,64P,393MIL,-,-,PL	
IC901	1203-001534	IC-PWM CONTROLLER;TL1466I,QFP,64P,-,PLAS	
ICD01	1105-001035	IC-DRAM;416S1120,1Mx16Bit,TSOP,50P,400	
ICD02	AH14-00001A	IC-DIS;KS7333,TQFP,-,80P,M-PJ	
ICD03	0801-000022	IC-CMOS LOGIC;7S00,NAND GATE,SOP,5P,49MI	
ICP01	AH14-00002A	IC-DSP;KS7331B,TQFP,-,80P,M-PJ	
ICP02	1002-001192	IC-A/D CONVERTER;AD9803JST80016R3,10,LQF	
ICP03	1003-001200	IC-MOTOR DRIVER;UPD16835,SOP,38P,300MIL,	
ICP04	1201-000240	IC-OP AMP;2902,SOP,14P,173MIL,QUAD,15V/m	
ICP05	1201-000240	IC-OP AMP;2902,SOP,14P,173MIL,QUAD,15V/m	
ICP06	1003-001065	IC-CLOCK DRIVER;KS7221D,SOP,20P,225MIL,Q	
ICP07	0801-002417	IC-CMOS LOGIC;TC7SH04FU(TE12L),SSOP,5P	
ICP08	AD14-00033A	IC-DOC;KS7334,SSOP,-,20P,M1-PJ	
ICP09	AD09-00061A	IC-MICOM;P81848A-528R,DIS,2nd,SONY,100,	
ICP10	1203-001021	IC-VOLTAGE REGULATOR;8423,SOP,8P,251MIL,	
ICP11	1103-001023	IC-EEPROM;24C08,1028x8BIT,SOP,8P,150MIL,	
ICP12	0801-002327	IC-CMOS LOGIC;74LCX74,D F/F,SOP,14P,300M	
ICP13	0801-000794	IC-CMOS LOGIC;7S08,AND GATE,SOT-25,5P,63	
ICW01	AD14-00034A	IC;KS7332B,VQFP,-,48P,M-PJ	
L001	2703-000397	INDUCTOR-SMD;33uH,10%,2.5x2x1.8mm	
L002	2703-000403	INDUCTOR-SMD;22uH,10%,3.2x2.5x2.2mm	
L003	2703-000404	INDUCTOR-SMD;220uH,10%,3.2x2.5x2.2mm	
L004	2703-000404	INDUCTOR-SMD;220uH,10%,3.2x2.5x2.2mm	
L031	2703-000385	INDUCTOR-SMD;330uH,5%,3.2x2.5x2.2mm	
L032	2703-000388	INDUCTOR-SMD;470uH,5%,3.2x2.5x2.2mm	
L033	2703-000397	INDUCTOR-SMD;33uH,10%,2.5x2x1.8mm	
L034	2703-000381	INDUCTOR-SMD;180uH,5%,3.2x2.5x2.2mm	
L051	2703-000397	INDUCTOR-SMD;33uH,10%,2.5x2x1.8mm	
L052	2703-000363	INDUCTOR-SMD;10uH,5%,2.5x2x1.8mm	
L061	2703-000367	INDUCTOR-SMD;33uH,5%,2.5x2x1.8mm	
L101	2703-000425	INDUCTOR-SMD;27uH,5%,2x2.5x1.8mm	
L102	2703-001819	INDUCTOR-SMD;18UH,5%,2.5X2X1.6MM(2520)	
L103	2703-001819	INDUCTOR-SMD;18UH,5%,2.5X2X1.6MM(2520)	
L104	2703-000425	INDUCTOR-SMD;27uH,5%,2x2.5x1.8mm	
L105	2703-000349	INDUCTOR-SMD;120uH,5%,3.2x2.5x2.2mm	

Loc. No	Part No	Desc & Spec	Remark
L106	2703-000371	INDUCTOR-SMD;4.7uH,5%,2.5x2x1.8mm	
L107	2703-000397	INDUCTOR-SMD;33uH,10%,2.5x2x1.8mm	
L108	2703-000370	INDUCTOR-SMD;47uH,5%,2.5x2x1.8mm	
L109	2703-000187	INDUCTOR-SMD;3.3uH,5%,2x2.5x1.8mm	
L110	2703-001819	INDUCTOR-SMD;18UH,5%,2.5X2X1.6MM(2520)	
L111	2703-000371	INDUCTOR-SMD;4.7uH,5%,2.5x2x1.8mm	
L141	2703-000365	INDUCTOR-SMD;15uH,5%,2.5x2x1.8mm	
L142	2703-000374	INDUCTOR-SMD;6.8uH,5%,2.5x2x1.8mm	
L143	2703-000363	INDUCTOR-SMD;10uH,5%,2.5x2x1.8mm	
L220	2703-000398	INDUCTOR-SMD;10uH,10%,3.2x2.5x2.2mm	
L240	2703-000398	INDUCTOR-SMD;10uH,10%,3.2x2.5x2.2mm	
L275	2703-001819	INDUCTOR-SMD;18UH,5%,2.5X2X1.6MM(2520)	
L281	2703-000363	INDUCTOR-SMD;10uH,5%,2.5x2x1.8mm	
L351	2703-000397	INDUCTOR-SMD;33uH,10%,2.5x2x1.8mm	
L401	2703-000397	INDUCTOR-SMD;33uH,10%,2.5x2x1.8mm	
L431	2703-000365	INDUCTOR-SMD;15uH,5%,2.5x2x1.8mm	
L432	2703-000397	INDUCTOR-SMD;33uH,10%,2.5x2x1.8mm	
L503	2703-000398	INDUCTOR-SMD;10uH,10%,3.2x2.5x2.2mm	
L601	2703-000409	INDUCTOR-SMD;47uH,10%,3.2x2.5x2.2mm	
L701	2703-000397	INDUCTOR-SMD;33uH,10%,2.5x2x1.8mm	
L702	2703-000002	INDUCTOR-SMD;100uH,10%,2.5x3.2x2mm	
L901	2703-001863	INDUCTOR-SMD;6.8UH,20%,2.5X2X1.8MM	
L902	2703-000402	INDUCTOR-SMD;1uH,20%,3.2x2.5x2.2mm	
L903	2703-001872	INDUCTOR-SMD;22UH,20%,6X6X2.8MM	
L904	2703-001863	INDUCTOR-SMD;6.8UH,20%,2.5X2X1.8MM	
L905	2703-000398	INDUCTOR-SMD;10uH,10%,3.2x2.5x2.2mm	
L906	2703-000398	INDUCTOR-SMD;10uH,10%,3.2x2.5x2.2mm	
L907	2703-001863	INDUCTOR-SMD;6.8UH,20%,2.5X2X1.8MM	
L908	2703-001863	INDUCTOR-SMD;6.8UH,20%,2.5X2X1.8MM	
L909	2703-001863	INDUCTOR-SMD;6.8UH,20%,2.5X2X1.8MM	
L910	2703-000402	INDUCTOR-SMD;1uH,20%,3.2x2.5x2.2mm	
L911	2703-001910	INDUCTOR-SMD;68uH,20%,6x6x2.8mm	
L912	2703-001910	INDUCTOR-SMD;68uH,20%,6x6x2.8mm	
L913	2703-000397	INDUCTOR-SMD;33uH,10%,2.5x2x1.8mm	
L914	2703-000397	INDUCTOR-SMD;33uH,10%,2.5x2x1.8mm	
L915	2703-000397	INDUCTOR-SMD;33uH,10%,2.5x2x1.8mm	
L916	2703-000397	INDUCTOR-SMD;33uH,10%,2.5x2x1.8mm	
L917	2703-000402	INDUCTOR-SMD;1uH,20%,3.2x2.5x2.2mm	
L918	2703-001872	INDUCTOR-SMD;22UH,20%,6X6X2.8MM	
L919	2703-000411	INDUCTOR-SMD;4.7uH,20%,3.2x2.5x2.2mm	
L920	2703-000398	INDUCTOR-SMD;10uH,10%,3.2x2.5x2.2mm	
L921	2703-000398	INDUCTOR-SMD;10uH,10%,3.2x2.5x2.2mm	
L922	2703-000398	INDUCTOR-SMD;10uH,10%,3.2x2.5x2.2mm	
LD01	2703-001883	INDUCTOR-SMD;22uH,10%,2.5x2x1.8mm	
LD02	2703-000403	INDUCTOR-SMD;22uH,10%,3.2x2.5x2.2mm	

Loc. No	Part No	Desc & Spec	Remark
LP01	2703-001883	INDUCTOR-SMD;22uH,10%,2.5x2x1.8mm	
LP02	2703-000403	INDUCTOR-SMD;22uH,10%,3.2x2.5x2.2mm	
LP03	2703-001883	INDUCTOR-SMD;22uH,10%,2.5x2x1.8mm	
LP04	2703-001883	INDUCTOR-SMD;22uH,10%,2.5x2x1.8mm	
LP05	2703-001883	INDUCTOR-SMD;22uH,10%,2.5x2x1.8mm	
LP06	2703-000403	INDUCTOR-SMD;22uH,10%,3.2x2.5x2.2mm	
LP07	2703-001883	INDUCTOR-SMD;22uH,10%,2.5x2x1.8mm	
LP08	2703-000366	INDUCTOR-SMD;22uH,5%,2.5x2x1.8mm	
LP09	2703-000373	INDUCTOR-SMD;68uH,5%,2.5x2x1.8mm	
LP10	2703-001883	INDUCTOR-SMD;22uH,10%,2.5x2x1.8mm	
LP11	2703-001883	INDUCTOR-SMD;22uH,10%,2.5x2x1.8mm	
Q001	0504-001069	TR-DIGITAL;RN1964,NPN,200mW,22K/22K,UMD6	
Q004	0504-001032	TR-DIGITAL;KRC404,NPN,100MW,47K/47K,SOT-	
Q031	0501-002312	TR-SMALL SIGNAL;HN2C01FU,NPN,200mW,UMD6,	
Q032	0501-002312	TR-SMALL SIGNAL;HN2C01FU,NPN,200mW,UMD6,	
Q033	0501-000218	TR-SMALL SIGNAL;2SC4081,NPN,200mW,UMT,TP	
Q051	0501-002311	TR-SMALL SIGNAL;HN2A01FU,PNP,200mW,UMD6,	
Q052	0501-000218	TR-SMALL SIGNAL;2SC4081,NPN,200mW,UMT,TP	
Q101	0501-000218	TR-SMALL SIGNAL;2SC4081,NPN,200mW,UMT,TP	
Q102	0504-001032	TR-DIGITAL;KRC404,NPN,100MW,47K/47K,SOT-	
Q103	0501-000218	TR-SMALL SIGNAL;2SC4081,NPN,200mW,UMT,TP	
Q104	0504-001032	TR-DIGITAL;KRC404,NPN,100MW,47K/47K,SOT-	
Q107	0501-002310	TR-SMALL SIGNAL;HN1B04FU,PNP/NPN,200mW,U	
Q108	0501-002312	TR-SMALL SIGNAL;HN2C01FU,NPN,200mW,UMD6,	
Q110	0504-001069	TR-DIGITAL;RN1964,NPN,200mW,22K/22K,UMD6	
Q161	0504-001036	TR-DIGITAL;KRA304,PNP,100mW,47K/47Kohm,S	
Q201	0504-001037	TR-DIGITAL;KRC401,NPN,100MW,4.7K/4.7K,SO	
Q202	0504-001037	TR-DIGITAL;KRC401,NPN,100MW,4.7K/4.7K,SO	
Q210	0501-002171	TR-SMALL SIGNAL;KTA2014,PNP,100mW,SOT-32	
Q217	0501-000218	TR-SMALL SIGNAL;2SC4081,NPN,200mW,UMT,TP	
Q218	0501-000218	TR-SMALL SIGNAL;2SC4081,NPN,200mW,UMT,TP	
Q273	0501-002171	TR-SMALL SIGNAL;KTA2014,PNP,100mW,SOT-32	
Q274	0501-002310	TR-SMALL SIGNAL;HN1B04FU,PNP/NPN,200mW,U	
Q282	0501-002310	TR-SMALL SIGNAL;HN1B04FU,PNP/NPN,200mW,U	
Q348	0501-002171	TR-SMALL SIGNAL;KTA2014,PNP,100mW,SOT-32	
Q349	0501-002312	TR-SMALL SIGNAL;HN2C01FU,NPN,200mW,UMD6,	
Q351	0501-000218	TR-SMALL SIGNAL;2SC4081,NPN,200mW,UMT,TP	
Q356	0501-002171	TR-SMALL SIGNAL;KTA2014,PNP,100mW,SOT-32	
Q365	0501-002171	TR-SMALL SIGNAL;KTA2014,PNP,100mW,SOT-32	
Q391	0501-002171	TR-SMALL SIGNAL;KTA2014,PNP,100mW,SOT-32	
Q392	0504-001032	TR-DIGITAL;KRC404,NPN,100MW,47K/47K,SOT-	
Q501	0501-000172	TR-SMALL SIGNAL;2SB1121,PNP,500mW,PCP,TP	
Q502	0504-001038	TR-DIGITAL;KRC402,NPN,100MW,10K/10K,SOT-	
Q503	0501-002312	TR-SMALL SIGNAL;HN2C01FU,NPN,200mW,UMD6,	
Q504	0501-002312	TR-SMALL SIGNAL;HN2C01FU,NPN,200mW,UMD6,	

Loc. No	Part No	Desc & Spec	Remark
Q601	0504-001040	TR-DIGITAL;KRC403,NPN,100MW,22K/22K,SOT-	
Q701	0501-000546	TR-SMALL SIGNAL;KTA1298,PNP,200mW,SOT-23	
Q702	0504-001038	TR-DIGITAL;KRC402,NPN,100MW,10K/10K,SOT-	
Q703	0501-002312	TR-SMALL SIGNAL;HN2C01FU,NPN,200mW,UMD6,	
Q761	0504-001036	TR-DIGITAL;KRA304,PNP,100mW,47K/47Kohm,S	
Q762	0501-000218	TR-SMALL SIGNAL;2SC4081,NPN,200mW,UMT,TP	
Q901	0501-000681	TR-SMALL SIGNAL;FP101,PNP,1.3W,PCP4,TP,1	
Q902	0501-000546	TR-SMALL SIGNAL;KTA1298,PNP,200mW,SOT-23	
Q903	0504-001032	TR-DIGITAL;KRC404,NPN,100MW,47K/47K,SOT-	
Q906	0501-000681	TR-SMALL SIGNAL;FP101,PNP,1.3W,PCP4,TP,1	
Q907	0501-000681	TR-SMALL SIGNAL;FP101,PNP,1.3W,PCP4,TP,1	
Q908	0501-000172	TR-SMALL SIGNAL;2SB1121,PNP,500mW,PCP,TP	
Q909	0501-000681	TR-SMALL SIGNAL;FP101,PNP,1.3W,PCP4,TP,1	
QP01	0504-001032	TR-DIGITAL;KRC404,NPN,100MW,47K/47K,SOT-	
QP02	0501-000218	TR-SMALL SIGNAL;2SC4081,NPN,200mW,UMT,TP	
QP03	0504-001032	TR-DIGITAL;KRC404,NPN,100MW,47K/47K,SOT-	
QP04	0504-001032	TR-DIGITAL;KRC404,NPN,100MW,47K/47K,SOT-	
QP05	0504-001040	TR-DIGITAL;KRC403,NPN,100MW,22K/22K,SOT-	
QP06	0504-001032	TR-DIGITAL;KRC404,NPN,100MW,47K/47K,SOT-	
QP07	0501-000596	TR-SMALL SIGNAL;2SB970R,PNP,200MW,SOT-23	
QP08	0501-002171	TR-SMALL SIGNAL;KTA2014,PNP,100mW,SOT-32	
QP09	0501-000218	TR-SMALL SIGNAL;2SC4081,NPN,200mW,UMT,TP	
QP10	0501-002171	TR-SMALL SIGNAL;KTA2014,PNP,100mW,SOT-32	
QP11	0501-002171	TR-SMALL SIGNAL;KTA2014,PNP,100mW,SOT-32	
QP12	0504-001032	TR-DIGITAL;KRC404,NPN,100MW,47K/47K,SOT-	
R002	2007-000106	R-CHIP;220Kohm,5%,1/16W,DA,TP,1608	
R003	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R004	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R005	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R006	2007-000125	R-CHIP;3.9Kohm,5%,1/16W,DA,TP,1608	
R007	2007-000082	R-CHIP;3.3Kohm,5%,1/16W,DA,TP,1608	
R008	2007-000458	R-CHIP;18Kohm,5%,1/16W,DA,TP,1608	
R009	2007-000458	R-CHIP;18Kohm,5%,1/16W,DA,TP,1608	
R010	2007-000092	R-CHIP;15Kohm,5%,1/16W,DA,TP,1608	
R013	2007-000118	R-CHIP;390ohm,5%,1/16W,DA,TP,1608	
R014	2007-000118	R-CHIP;390ohm,5%,1/16W,DA,TP,1608	
R015	2007-000130	R-CHIP;39Kohm,5%,1/16W,DA,TP,1608	
R016	2007-000092	R-CHIP;15Kohm,5%,1/16W,DA,TP,1608	
R017	2007-000082	R-CHIP;3.3Kohm,5%,1/16W,DA,TP,1608	
R018	2007-000082	R-CHIP;3.3Kohm,5%,1/16W,DA,TP,1608	
R019	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
R020	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
R021	2007-000134	R-CHIP;33Kohm,5%,1/16W,DA,TP,1608	
R022	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
R023	2007-000075	R-CHIP;220ohm,5%,1/16W,DA,TP,1608	

Loc. No	Part No	Desc & Spec	Remark
R024	2007-000122	R-CHIP;1.2Kohm,5%,1/16W,DA,TP,1608	NTSC
R024	2007-000120	R-CHIP;680ohm,5%,1/16W,DA,TP,1608	PAL
R025	2007-000643	R-CHIP;270ohm,5%,1/16W,DA,TP,1608	
R026	2007-000071	R-CHIP;22ohm,5%,1/16W,DA,TP,1608	
R031	2007-000458	R-CHIP;18Kohm,5%,1/16W,DA,TP,1608	
R032	2007-000119	R-CHIP;560ohm,5%,1/16W,DA,TP,1608	
R033	2007-000076	R-CHIP;330ohm,5%,1/16W,DA,TP,1608	
R034	2007-000134	R-CHIP;33Kohm,5%,1/16W,DA,TP,1608	
R035	2007-000122	R-CHIP;1.2Kohm,5%,1/16W,DA,TP,1608	
R036	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R037	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
R038	2007-000124	R-CHIP;2.2Kohm,5%,1/16W,DA,TP,1608	
R039	2007-000092	R-CHIP;15Kohm,5%,1/16W,DA,TP,1608	
R040	2007-000134	R-CHIP;33Kohm,5%,1/16W,DA,TP,1608	
R041	2007-000075	R-CHIP;220ohm,5%,1/16W,DA,TP,1608	
R042	2007-000119	R-CHIP;560ohm,5%,1/16W,DA,TP,1608	
R043	2007-000121	R-CHIP;820ohm,5%,1/16W,DA,TP,1608	
R046	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R051	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R071	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R072	2007-000082	R-CHIP;3.3Kohm,5%,1/16W,DA,TP,1608	
R073	2007-000097	R-CHIP;47Kohm,5%,1/16W,DA,TP,1608	
R101	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R102	2007-000120	R-CHIP;680ohm,5%,1/16W,DA,TP,1608	
R103	2007-000076	R-CHIP;330ohm,5%,1/16W,DA,TP,1608	
R104	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R105	2007-000119	R-CHIP;560ohm,5%,1/16W,DA,TP,1608	
R106	2007-000118	R-CHIP;390ohm,5%,1/16W,DA,TP,1608	
R107	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R108	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R109	2007-000075	R-CHIP;220ohm,5%,1/16W,DA,TP,1608	
R110	2007-000075	R-CHIP;220ohm,5%,1/16W,DA,TP,1608	
R111	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R112	2007-000075	R-CHIP;220ohm,5%,1/16W,DA,TP,1608	
R113	2007-000121	R-CHIP;820ohm,5%,1/16W,DA,TP,1608	
R114	2007-000087	R-CHIP;6.8Kohm,5%,1/16W,DA,TP,1608	
R115	2007-000087	R-CHIP;6.8Kohm,5%,1/16W,DA,TP,1608	
R116	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
R117	2007-000134	R-CHIP;33Kohm,5%,1/16W,DA,TP,1608	
R118	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R119	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R120	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R121	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R122	2007-000121	R-CHIP;820ohm,5%,1/16W,DA,TP,1608	
R123	2007-000643	R-CHIP;270ohm,5%,1/16W,DA,TP,1608	

Loc. No	Part No	Desc & Spec	Remark
R124	2007-000121	R-CHIP;820ohm,5%,1/16W,DA,TP,1608	
R125	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R126	2007-000134	R-CHIP;33Kohm,5%,1/16W,DA,TP,1608	
R127	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
R128	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
R129	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R130	2007-000077	R-CHIP;470ohm,5%,1/16W,DA,TP,1608	
R131	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
R132	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R133	2007-000121	R-CHIP;820ohm,5%,1/16W,DA,TP,1608	
R134	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R135	2007-000081	R-CHIP;2.7Kohm,5%,1/16W,DA,TP,1608	
R136	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
R140	2007-000077	R-CHIP;470ohm,5%,1/16W,DA,TP,1608	
R141	2007-000077	R-CHIP;470ohm,5%,1/16W,DA,TP,1608	
R142	2007-000077	R-CHIP;470ohm,5%,1/16W,DA,TP,1608	
R143	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R144	2007-000076	R-CHIP;330ohm,5%,1/16W,DA,TP,1608	
R145	2007-000076	R-CHIP;330ohm,5%,1/16W,DA,TP,1608	
R146	2007-000077	R-CHIP;470ohm,5%,1/16W,DA,TP,1608	
R147	2007-000118	R-CHIP;390ohm,5%,1/16W,DA,TP,1608	
R148	2007-000118	R-CHIP;390ohm,5%,1/16W,DA,TP,1608	
R149	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R150	2007-000125	R-CHIP;3.9Kohm,5%,1/16W,DA,TP,1608	
R161	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R203	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R204	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R205	2007-000929	R-CHIP;470ohm,1%,1/16W,DA,TP,1608	
R206	2007-000821	R-CHIP;390ohm,1%,1/16W,DA,TP,1608	
R207	2007-000219	R-CHIP;1.2Kohm,1%,1/16W,DA,TP,1608	
R210	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
R212	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R213	2007-000119	R-CHIP;560ohm,5%,1/16W,DA,TP,1608	
R214	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R216	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
R217	2007-000082	R-CHIP;3.3Kohm,5%,1/16W,DA,TP,1608	
R218	2007-000086	R-CHIP;5.6Kohm,5%,1/16W,DA,TP,1608	
R219	2007-000086	R-CHIP;5.6Kohm,5%,1/16W,DA,TP,1608	
R220	2007-000082	R-CHIP;3.3Kohm,5%,1/16W,DA,TP,1608	
R221	2007-000124	R-CHIP;2.2Kohm,5%,1/16W,DA,TP,1608	
R242	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R245	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
R246	2007-000583	R-CHIP;22Kohm,1%,1/16W,DA,TP,1608	
R248	2007-000450	R-CHIP;180ohm,5%,1/16W,DA,TP,1608	
R253	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	

Loc. No	Part No	Desc & Spec	Remark
R254	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R257	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R258	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R260	2007-000081	R-CHIP;2.7Kohm,5%,1/16W,DA,TP,1608	
R261	2007-000082	R-CHIP;3.3Kohm,5%,1/16W,DA,TP,1608	NTSC
R261	2007-000124	R-CHIP;2.2Kohm,5%,1/16W,DA,TP,1608	PAL
R265	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R266	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R267	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R273	2007-000121	R-CHIP;820ohm,5%,1/16W,DA,TP,1608	
R274	2007-000121	R-CHIP;820ohm,5%,1/16W,DA,TP,1608	
R275	2007-000120	R-CHIP;680ohm,5%,1/16W,DA,TP,1608	
R276	2007-000079	R-CHIP;1.8Kohm,5%,1/16W,DA,TP,1608	
R277	2007-000121	R-CHIP;820ohm,5%,1/16W,DA,TP,1608	
R278	2007-000118	R-CHIP;390ohm,5%,1/16W,DA,TP,1608	
R282	2007-000119	R-CHIP;560ohm,5%,1/16W,DA,TP,1608	
R283	2007-000119	R-CHIP;560ohm,5%,1/16W,DA,TP,1608	
R284	2007-000124	R-CHIP;2.2Kohm,5%,1/16W,DA,TP,1608	
R285	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R286	2007-000119	R-CHIP;560ohm,5%,1/16W,DA,TP,1608	
R340	2007-000458	R-CHIP;18Kohm,5%,1/16W,DA,TP,1608	
R341	2007-000092	R-CHIP;15Kohm,5%,1/16W,DA,TP,1608	
R342	2007-000124	R-CHIP;2.2Kohm,5%,1/16W,DA,TP,1608	
R343	2007-000081	R-CHIP;2.7Kohm,5%,1/16W,DA,TP,1608	
R345	2007-000122	R-CHIP;1.2Kohm,5%,1/16W,DA,TP,1608	
R346	2007-000121	R-CHIP;820ohm,5%,1/16W,DA,TP,1608	
R347	2007-000124	R-CHIP;2.2Kohm,5%,1/16W,DA,TP,1608	
R350	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R351	2007-000076	R-CHIP;330ohm,5%,1/16W,DA,TP,1608	
R352	2007-001134	R-CHIP;68ohm,5%,1/16W,DA,TP,1608	
R353	2007-001134	R-CHIP;68ohm,5%,1/16W,DA,TP,1608	
R354	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R355	2007-000122	R-CHIP;1.2Kohm,5%,1/16W,DA,TP,1608	
R356	2007-000124	R-CHIP;2.2Kohm,5%,1/16W,DA,TP,1608	
R357	2007-000097	R-CHIP;47Kohm,5%,1/16W,DA,TP,1608	
R358	2007-000097	R-CHIP;47Kohm,5%,1/16W,DA,TP,1608	
R359	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R360	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R361	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R362	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R363	2007-000097	R-CHIP;47Kohm,5%,1/16W,DA,TP,1608	
R365	2007-000124	R-CHIP;2.2Kohm,5%,1/16W,DA,TP,1608	
R381	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R382	2007-000458	R-CHIP;18Kohm,5%,1/16W,DA,TP,1608	
R383	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	

Loc. No	Part No	Desc & Spec	Remark
R384	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R391	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R392	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
R401	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R402	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R403	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R430	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R431	2007-000450	R-CHIP;180ohm,5%,1/16W,DA,TP,1608	
R432	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R433	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R434	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R435	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R436	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R437	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R438	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R439	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R440	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R441	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R442	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R501	2007-000124	R-CHIP;2.2Kohm,5%,1/16W,DA,TP,1608	
R502	2007-000124	R-CHIP;2.2Kohm,5%,1/16W,DA,TP,1608	
R503	2007-000092	R-CHIP;15Kohm,5%,1/16W,DA,TP,1608	
R504	2007-000098	R-CHIP;56Kohm,5%,1/16W,DA,TP,1608	
R507	2007-001179	R-CHIP;8.2Kohm,5%,1/16W,DA,TP,1608	
R508	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
R509	2007-000107	R-CHIP;470Kohm,5%,1/16W,DA,TP,1608	
R510	2007-000109	R-CHIP;1Mohm,5%,1/16W,DA,TP,1608	
R511	2007-000123	R-CHIP;1.5Kohm,5%,1/16W,DA,TP,1608	
R512	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R513	2007-000124	R-CHIP;2.2Kohm,5%,1/16W,DA,TP,1608	
R514	2007-000123	R-CHIP;1.5Kohm,5%,1/16W,DA,TP,1608	
R515	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
R516	2007-000109	R-CHIP;1Mohm,5%,1/16W,DA,TP,1608	
R517	2007-000130	R-CHIP;39Kohm,5%,1/16W,DA,TP,1608	
R518	2007-000503	R-CHIP;2.2ohm,5%,1/16W,DA,TP,1608	
R519	2007-000503	R-CHIP;2.2ohm,5%,1/16W,DA,TP,1608	
R520	2007-000503	R-CHIP;2.2ohm,5%,1/16W,DA,TP,1608	
R521	2007-000483	R-CHIP;1OHM,5%,1/10W,DA,TP,2012	
R522	2007-000483	R-CHIP;1OHM,5%,1/10W,DA,TP,2012	
R523	2007-000483	R-CHIP;1OHM,5%,1/10W,DA,TP,2012	
R524	2007-000483	R-CHIP;1OHM,5%,1/10W,DA,TP,2012	
R525	2007-000483	R-CHIP;1OHM,5%,1/10W,DA,TP,2012	
R526	2007-000483	R-CHIP;1OHM,5%,1/10W,DA,TP,2012	
R527	2007-000097	R-CHIP;47Kohm,5%,1/16W,DA,TP,1608	
R528	2007-000082	R-CHIP;3.3Kohm,5%,1/16W,DA,TP,1608	
R529	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R530	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R531	2007-000091	R-CHIP;12Kohm,5%,1/16W,DA,TP,1608	
R532	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R533	2007-000097	R-CHIP;47Kohm,5%,1/16W,DA,TP,1608	
R534	2007-000130	R-CHIP;39Kohm,5%,1/16W,DA,TP,1608	
R535	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	NTSC
R535	2007-000092	R-CHIP;15Kohm,5%,1/16W,DA,TP,1608	PAL
R536	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R537	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R538	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R539	2007-000120	R-CHIP;680ohm,5%,1/16W,DA,TP,1608	
R540	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
R541	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R542	2007-000077	R-CHIP;470ohm,5%,1/16W,DA,TP,1608	
R544	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R545	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R547	2007-000106	R-CHIP;220Kohm,5%,1/16W,DA,TP,1608	
R548	2007-000106	R-CHIP;220Kohm,5%,1/16W,DA,TP,1608	
R549	2007-000106	R-CHIP;220Kohm,5%,1/16W,DA,TP,1608	
R550	2007-000106	R-CHIP;220Kohm,5%,1/16W,DA,TP,1608	
R551	2007-000104	R-CHIP;150Kohm,5%,1/16W,DA,TP,1608	
R552	2007-000104	R-CHIP;150Kohm,5%,1/16W,DA,TP,1608	
R553	2007-000109	R-CHIP;1Mohm,5%,1/16W,DA,TP,1608	
R554	2007-000109	R-CHIP;1Mohm,5%,1/16W,DA,TP,1608	
R555	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R557	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R558	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R559	2007-000123	R-CHIP;1.5Kohm,5%,1/16W,DA,TP,1608	
R560	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R564	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R565	2007-000755	R-CHIP;330Kohm,1%,1/16W,DA,TP,1608	
R566	2007-000755	R-CHIP;330Kohm,1%,1/16W,DA,TP,1608	
R567	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R600	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
R607	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R608	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R609	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R610	2007-000065	R-CHIP;2.2Mohm,5%,1/16W,DA,TP,1608	
R611	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R612	2007-000106	R-CHIP;220Kohm,5%,1/16W,DA,TP,1608	
R613	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R614	2007-000106	R-CHIP;220Kohm,5%,1/16W,DA,TP,1608	
R615	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R616	2007-000106	R-CHIP;220Kohm,5%,1/16W,DA,TP,1608	

Loc. No	Part No	Desc & Spec	Remark
R617	2007-000106	R-CHIP;220Kohm,5%,1/16W,DA,TP,1608	
R618	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R619	2007-000106	R-CHIP;220Kohm,5%,1/16W,DA,TP,1608	
R620	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R621	2007-000106	R-CHIP;220Kohm,5%,1/16W,DA,TP,1608	
R622	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R623	2007-000106	R-CHIP;220Kohm,5%,1/16W,DA,TP,1608	
R625	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
R626	2007-000106	R-CHIP;220Kohm,5%,1/16W,DA,TP,1608	
R629	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R630	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
R631	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R632	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
R633	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R634	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
R635	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R636	2007-000075	R-CHIP;220ohm,5%,1/16W,DA,TP,1608	
R637	2007-000077	R-CHIP;470ohm,5%,1/16W,DA,TP,1608	
R638	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R639	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R640	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R641	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R642	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R643	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R644	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R645	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
R646	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R647	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R648	2007-000060	R-CHIP;100Kohm,1%,1/16W,DA,TP,1608	
R649	2007-000109	R-CHIP;1Mohm,5%,1/16W,DA,TP,1608	
R650	2007-000109	R-CHIP;1Mohm,5%,1/16W,DA,TP,1608	
R651	2007-000060	R-CHIP;100Kohm,1%,1/16W,DA,TP,1608	
R652	2007-000060	R-CHIP;100Kohm,1%,1/16W,DA,TP,1608	
R653	2007-000106	R-CHIP;220Kohm,5%,1/16W,DA,TP,1608	
R654	2007-000109	R-CHIP;1Mohm,5%,1/16W,DA,TP,1608	
R655	2007-000052	R-CHIP;10Kohm,1%,1/16W,DA,TP,1608	
R656	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
R657	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R658	2007-000077	R-CHIP;470ohm,5%,1/16W,DA,TP,1608	
R659	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R660	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R661	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
R662	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R663	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R664	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	

Loc. No	Part No	Desc & Spec	Remark
R665	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
R666	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R667	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R668	2007-000077	R-CHIP;470ohm,5%,1/16W,DA,TP,1608	
R669	2007-000077	R-CHIP;470ohm,5%,1/16W,DA,TP,1608	
R670	2007-000077	R-CHIP;470ohm,5%,1/16W,DA,TP,1608	
R672	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
R695	2007-000455	R-CHIP;18Kohm,1%,1/16W,DA,TP,1608	
R696	2007-000772	R-CHIP;33Kohm,1%,1/16W,DA,TP,1608	
R697	2007-000772	R-CHIP;33Kohm,1%,1/16W,DA,TP,1608	
R698	2007-001125	R-CHIP;68Kohm,1%,1/16W,DA,TP,1608	
R701	2007-001096	R-CHIP;62Kohm,1%,1/16W,DA,TP,1608	
R702	2007-001096	R-CHIP;62Kohm,1%,1/16W,DA,TP,1608	
R703	2007-000736	R-CHIP;30Kohm,1%,1/16W,DA,TP,1608	
R704	2007-000123	R-CHIP;1.5Kohm,5%,1/16W,DA,TP,1608	
R705	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
R708	2007-000134	R-CHIP;33Kohm,5%,1/16W,DA,TP,1608	
R709	2007-000462	R-CHIP;18OHM,5%,1/10W,DA,TP,2012	
R710	2007-000691	R-CHIP;3.3Mohm,5%,1/16W,DA,TP,1608	
R711	2007-000134	R-CHIP;33Kohm,5%,1/16W,DA,TP,1608	
R713	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R714	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R715	2007-000104	R-CHIP;150Kohm,5%,1/16W,DA,TP,1608	
R716	2007-000691	R-CHIP;3.3Mohm,5%,1/16W,DA,TP,1608	
R717	2007-000077	R-CHIP;470ohm,5%,1/16W,DA,TP,1608	
R718	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R719	2007-000121	R-CHIP;820ohm,5%,1/16W,DA,TP,1608	
R720	2007-000124	R-CHIP;2.2Kohm,5%,1/16W,DA,TP,1608	
R721	2007-000122	R-CHIP;1.2Kohm,5%,1/16W,DA,TP,1608	
R722	2007-000708	R-CHIP;3.9Kohm,1%,1/16W,DA,TP,1608	
R723	2007-000124	R-CHIP;2.2Kohm,5%,1/16W,DA,TP,1608	
R724	2007-000124	R-CHIP;2.2Kohm,5%,1/16W,DA,TP,1608	
R725	2007-000450	R-CHIP;180ohm,5%,1/16W,DA,TP,1608	
R726	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
R727	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R728	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R729	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R734	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
R742	2007-000097	R-CHIP;47Kohm,5%,1/16W,DA,TP,1608	
R761	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R762	2007-000092	R-CHIP;15Kohm,5%,1/16W,DA,TP,1608	
R763	2007-000072	R-CHIP;47ohm,5%,1/16W,DA,TP,1608	
R901	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
R902	2007-000123	R-CHIP;1.5Kohm,5%,1/16W,DA,TP,1608	
R905	2007-000134	R-CHIP;33Kohm,5%,1/16W,DA,TP,1608	

Loc. No	Part No	Desc & Spec	Remark
R906	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	NTSC
R906	2007-000104	R-CHIP;150Kohm,5%,1/16W,DA,TP,1608	PAL
R907	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R908	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R909	2007-000086	R-CHIP;5.6Kohm,5%,1/16W,DA,TP,1608	
R910	2007-000124	R-CHIP;2.2Kohm,5%,1/16W,DA,TP,1608	
R911	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R912	2007-000086	R-CHIP;5.6Kohm,5%,1/16W,DA,TP,1608	
R913	2007-000124	R-CHIP;2.2Kohm,5%,1/16W,DA,TP,1608	
R914	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R915	2007-001695	R-CHIP;22Kohm,0.5%,1/16W,DA,TP,1608	
R916	2007-000092	R-CHIP;15Kohm,5%,1/16W,DA,TP,1608	
R917	2007-000097	R-CHIP;47Kohm,5%,1/16W,DA,TP,1608	
R918	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
R919	2007-001694	R-CHIP;12Kohm,0.5%,1/16W,DA,TP,1608	
R920	2007-001650	R-CHIP;8.2Kohm,0.5%,1/16W,DA,TP,1608	
R921	2007-001643	R-CHIP;100Kohm,0.5%,1/16W,DA,TP,1608	
R922	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
R923	2007-001644	R-CHIP;10Kohm,0.5%,1/16W,DA,TP,1608	
R924	2007-001694	R-CHIP;12Kohm,0.5%,1/16W,DA,TP,1608	
R925	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
R926	2007-001694	R-CHIP;12Kohm,0.5%,1/16W,DA,TP,1608	
R927	2007-001644	R-CHIP;10Kohm,0.5%,1/16W,DA,TP,1608	
R928	2007-000086	R-CHIP;5.6Kohm,5%,1/16W,DA,TP,1608	
R929	2007-001697	R-CHIP;18Kohm,0.5%,1/16W,DA,TP,1608	
R930	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R931	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
R932	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
R933	2007-000093	R-CHIP;20Kohm,5%,1/16W,DA,TP,1608	
R940	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
RD05	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
RD51	2007-000309	R-CHIP;10ohm,5%,1/16W,DA,TP,1608	
RP01	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
RP02	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
RP03	2007-000092	R-CHIP;15Kohm,5%,1/16W,DA,TP,1608	
RP04	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
RP05	2007-000075	R-CHIP;220ohm,5%,1/16W,DA,TP,1608	
RP06	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
RP07	2007-000104	R-CHIP;150Kohm,5%,1/16W,DA,TP,1608	
RP08	2007-000125	R-CHIP;3.9Kohm,5%,1/16W,DA,TP,1608	
RP09	2007-000125	R-CHIP;3.9Kohm,5%,1/16W,DA,TP,1608	
RP10	2007-000104	R-CHIP;150Kohm,5%,1/16W,DA,TP,1608	
RP11	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
RP12	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
RP121	2007-000091	R-CHIP;12Kohm,5%,1/16W,DA,TP,1608	
RP122	2007-000637	R-CHIP;270Kohm,5%,1/16W,DA,TP,1608	
RP123	2007-000077	R-CHIP;470ohm,5%,1/16W,DA,TP,1608	
RP124	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
RP125	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
RP126	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
RP127	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
RP128	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
RP129	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
RP13	2007-000096	R-CHIP;30Kohm,5%,1/16W,DA,TP,1608	
RP130	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
RP131	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
RP132	2007-000309	R-CHIP;10ohm,5%,1/16W,DA,TP,1608	
RP133	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
RP134	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
RP135	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
RP136	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
RP137	2007-000097	R-CHIP;47Kohm,5%,1/16W,DA,TP,1608	
RP138	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
RP139	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
RP14	2007-000134	R-CHIP;33Kohm,5%,1/16W,DA,TP,1608	
RP140	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
RP141	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
RP143	2007-000091	R-CHIP;12Kohm,5%,1/16W,DA,TP,1608	
RP144	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
RP145	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
RP15	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
RP16	2007-000134	R-CHIP;33Kohm,5%,1/16W,DA,TP,1608	
RP17	2007-000124	R-CHIP;2.2Kohm,5%,1/16W,DA,TP,1608	
RP19	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
RP20	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
RP21	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
RP22	2007-000637	R-CHIP;270Kohm,5%,1/16W,DA,TP,1608	
RP23	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
RP24	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
RP25	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
RP26	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
RP27	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
RP28	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
RP29	2007-000863	R-CHIP;4.3OHM,5%,1/10W,DA,TP,2012	
RP30	2007-000863	R-CHIP;4.3OHM,5%,1/10W,DA,TP,2012	
RP300	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
RP301	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
RP302	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
RP303	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
RP31	2007-000863	R-CHIP;4.3OHM,5%,1/10W,DA,TP,2012	

Loc. No	Part No	Desc & Spec	Remark
RP32	2007-000863	R-CHIP;4.3OHM,5%,1/10W,DA,TP,2012	
RP33	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
RP34	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
RP35	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
RP36	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
RP37	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
RP38	2007-000098	R-CHIP;56Kohm,5%,1/16W,DA,TP,1608	
RP39	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
RP40	2007-000097	R-CHIP;47Kohm,5%,1/16W,DA,TP,1608	
RP41	2007-000097	R-CHIP;47Kohm,5%,1/16W,DA,TP,1608	
RP42	2007-000098	R-CHIP;56Kohm,5%,1/16W,DA,TP,1608	
RP43	2007-000076	R-CHIP;330ohm,5%,1/16W,DA,TP,1608	
RP44	2007-000076	R-CHIP;330ohm,5%,1/16W,DA,TP,1608	
RP45	2007-000098	R-CHIP;56Kohm,5%,1/16W,DA,TP,1608	
RP47	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
RP48	2007-000309	R-CHIP;10ohm,5%,1/16W,DA,TP,1608	
RP49	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
RP50	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
RP51	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
RP52	2007-000309	R-CHIP;10ohm,5%,1/16W,DA,TP,1608	
RP53	2007-000309	R-CHIP;10ohm,5%,1/16W,DA,TP,1608	
RP54	2007-000309	R-CHIP;10ohm,5%,1/16W,DA,TP,1608	
RP55	2007-000309	R-CHIP;10ohm,5%,1/16W,DA,TP,1608	
RP56	2007-000309	R-CHIP;10ohm,5%,1/16W,DA,TP,1608	
RP57	2007-000309	R-CHIP;10ohm,5%,1/16W,DA,TP,1608	
RP58	2007-000309	R-CHIP;10ohm,5%,1/16W,DA,TP,1608	
RP59	2007-000109	R-CHIP;1Mohm,5%,1/16W,DA,TP,1608	
RP60	2007-000119	R-CHIP;560ohm,5%,1/16W,DA,TP,1608	
RP61	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
RP62	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
RP63	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
RP64	2007-000109	R-CHIP;1Mohm,5%,1/16W,DA,TP,1608	
RP65	2007-000079	R-CHIP;1.8Kohm,5%,1/16W,DA,TP,1608	
RP66	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
RP67	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
RP68	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
RP70	2007-000402	R-CHIP;150ohm,5%,1/16W,DA,TP,1608	
RP71	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
RP72	2007-000123	R-CHIP;1.5Kohm,5%,1/16W,DA,TP,1608	
RP73	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
RP74	2007-000122	R-CHIP;1.2Kohm,5%,1/16W,DA,TP,1608	
RP75	2007-000052	R-CHIP;10Kohm,1%,1/16W,DA,TP,1608	
RP76	2007-000402	R-CHIP;150ohm,5%,1/16W,DA,TP,1608	
RP77	2007-000583	R-CHIP;22Kohm,1%,1/16W,DA,TP,1608	
RP78	2007-000124	R-CHIP;2.2Kohm,5%,1/16W,DA,TP,1608	
RP79	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
RP80	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
RP81	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
RP82	2007-000097	R-CHIP;47Kohm,5%,1/16W,DA,TP,1608	
RP83	2007-000075	R-CHIP;220ohm,5%,1/16W,DA,TP,1608	
RP84	2007-000402	R-CHIP;150ohm,5%,1/16W,DA,TP,1608	
RP85	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
RP86	2007-000097	R-CHIP;47Kohm,5%,1/16W,DA,TP,1608	
RP87	2007-000097	R-CHIP;47Kohm,5%,1/16W,DA,TP,1608	
RP88	2007-000122	R-CHIP;1.2Kohm,5%,1/16W,DA,TP,1608	
RP89	2007-000052	R-CHIP;10Kohm,1%,1/16W,DA,TP,1608	
RP90	2007-000583	R-CHIP;22Kohm,1%,1/16W,DA,TP,1608	
RP91	2007-000402	R-CHIP;150ohm,5%,1/16W,DA,TP,1608	
RP92	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
RP93	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
RP94	2007-000124	R-CHIP;2.2Kohm,5%,1/16W,DA,TP,1608	
RP95	2007-000097	R-CHIP;47Kohm,5%,1/16W,DA,TP,1608	
RP96	2007-000097	R-CHIP;47Kohm,5%,1/16W,DA,TP,1608	
RP97	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
RP98	2007-000091	R-CHIP;12Kohm,5%,1/16W,DA,TP,1608	
RP99	2007-000091	R-CHIP;12Kohm,5%,1/16W,DA,TP,1608	
RW01	2007-000863	R-CHIP;4.3OHM,5%,1/10W,DA,TP,2012	
SW601	3404-001034	SWITCH-TACT;12V,50mA,160gf,4x7.4x1.8mm,S	
SW603	3404-001034	SWITCH-TACT;12V,50mA,160gf,4x7.4x1.8mm,S	
SW604	3404-001034	SWITCH-TACT;12V,50mA,160gf,4x7.4x1.8mm,S	
SW605	3404-001034	SWITCH-TACT;12V,50mA,160gf,4x7.4x1.8mm,S	
SW606	3404-001034	SWITCH-TACT;12V,50mA,160gf,4x7.4x1.8mm,S	
T901	AD26-00017A	TRANS;-,42uH,8P,15V,460KHz,FERRITE,M	
X601	2801-003242	CRYSTAL-SMD;11.895104MHz,50ppm,28-ABL,13	NTSC
X601	2801-003239	CRYSTAL-SMD;11.71875MHz,50ppm,28-ABL,13p	PAL
XP01	2801-003919	CRYSTAL-SMD;28.636MHz,40ppm,28-ABL,7pF,6	NTSC
XP01	2801-003918	CRYSTAL-SMD;28.375MHz,40ppm,28-ABL,7pF,6	PAL
XP02	2801-000258	CRYSTAL-UNIT;32.768KHz,20ppm,28-AAW,12	
XP03	2801-003242	CRYSTAL-SMD;11.895104MHz,50ppm,28-ABL,13	
		ASSY-FUNCTION BOARD	
CN471	3708-001472	CONNECTOR-FPC/FC/PIC;36P,0.5mm,SMD-A,SN	CONNECTOR
CN471	3809-001166	CABLE-FLAT;30V,-20to+80C,110mm,36P,0.5mm	FFC
CN473	3708-001334	CONNECTOR-FPC/FC/PIC;10P,0.8mm,SMD-A,SN	
CN474	3711-004153	CONNECTOR-HEADER;BOX,14P,1R,1mm,SMD-A,SN	
CN475	3711-000779	CONNECTOR-HEADER;BOX,2P,1R,1.25MM,ANGLE,	
CN476	3711-000779	CONNECTOR-HEADER;BOX,2P,1R,1.25MM,ANGLE,	
LE470	0601-001422	LED;SMD,RED,-,660nm	
Q471	0504-001032	TR-DIGITAL;KRC404,NPN,100MW,47K/47K,SOT-	
Q472	0501-000546	TR-SMALL SIGNAL;KTA1298,PNP,200mW,SOT-23	
Q474	0504-001036	TR-DIGITAL;KRA304,PNP,100mW,47K/47Kohm,S	

Loc. No	Part No	Desc & Spec	Remark
Q475	0501-000546	TR-SMALL SIGNAL;KTA1298,PNP,200mW,SOT-23	
Q476	0504-001036	TR-DIGITAL;KRA304,PNP,100mW,47K/47Kohm,S	
Q477	0504-001032	TR-DIGITAL;KRC404,NPN,100MW,47K/47K,SOT-	
Q479	0504-001032	TR-DIGITAL;KRC404,NPN,100MW,47K/47K,SOT-	
Q480	0504-001032	TR-DIGITAL;KRC404,NPN,100MW,47K/47K,SOT-	
Q481	0504-001032	TR-DIGITAL;KRC404,NPN,100MW,47K/47K,SOT-	
R471	2007-000928	R-CHIP;470OHM,1%,1/10W,DA,TP,2012	
R472	2007-000454	R-CHIP;18KOHM,1%,1/10W,DA,TP,2012	
R473	2007-000771	R-CHIP;33KOHM,1%,1/10W,DA,TP,2012	
R474	2007-000771	R-CHIP;33KOHM,1%,1/10W,DA,TP,2012	
R475	2007-001124	R-CHIP;68KOHM,1%,1/10W,DA,TP,2012	
R476	2007-000928	R-CHIP;470OHM,1%,1/10W,DA,TP,2012	
R477	2007-000454	R-CHIP;18KOHM,1%,1/10W,DA,TP,2012	
R478	2007-000771	R-CHIP;33KOHM,1%,1/10W,DA,TP,2012	
R479	2007-000771	R-CHIP;33KOHM,1%,1/10W,DA,TP,2012	
R480	2007-001124	R-CHIP;68KOHM,1%,1/10W,DA,TP,2012	
R481	2007-000277	R-CHIP;100KOHM,1%,1/10W,DA,TP,2012	
R486	2007-000947	R-CHIP;47OHM,5%,1/10W,DA,TP,2012	
R487	2007-000565	R-CHIP;220KOHM,5%,1/10W,DA,TP,2012	
R488	2007-000586	R-CHIP;22KOHM,5%,1/10W,DA,TP,2012	
R489	2007-000241	R-CHIP;1.5KOHM,5%,1/10W,DA,TP,2012	
R490	2007-000586	R-CHIP;22KOHM,5%,1/10W,DA,TP,2012	
R491	2007-000241	R-CHIP;1.5KOHM,5%,1/10W,DA,TP,2012	
R492	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012	
R493	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012	
R494	2007-000300	R-CHIP;10KOHM,5%,1/10W,DA,TP,2012	
R495	2007-000300	R-CHIP;10KOHM,5%,1/10W,DA,TP,2012	
R498	2007-000300	R-CHIP;10KOHM,5%,1/10W,DA,TP,2012	
R499	2007-000300	R-CHIP;10KOHM,5%,1/10W,DA,TP,2012	
SW471	3404-001037	SWITCH-TACT;12V,50mA,130gf,6x6x4.3mm,SPS	
SW472	3404-001037	SWITCH-TACT;12V,50mA,130gf,6x6x4.3mm,SPS	
SW473	3404-001037	SWITCH-TACT;12V,50mA,130gf,6x6x4.3mm,SPS	
SW474	3404-001037	SWITCH-TACT;12V,50mA,130gf,6x6x4.3mm,SPS	
SW475	3404-001037	SWITCH-TACT;12V,50mA,130gf,6x6x4.3mm,SPS	
SW476	3404-001037	SWITCH-TACT;12V,50mA,130gf,6x6x4.3mm,SPS	
SW477	3404-001037	SWITCH-TACT;12V,50mA,130gf,6x6x4.3mm,SPS	
SW478	3404-001037	SWITCH-TACT;12V,50mA,130gf,6x6x4.3mm,SPS	
SW479	3404-001034	SWITCH-TACT;12V,50mA,160gf,4x7.4x1.8mm,S	
SW480	3404-001034	SWITCH-TACT;12V,50mA,160gf,4x7.4x1.8mm,S	
SW481	3404-001037	SWITCH-TACT;12V,50mA,130gf,6x6x4.3mm,SPS	
SW482	3409-001108	SWITCH-DETECTOR;5VDC,10mA,1,36gf,LEVER	
SW483	3409-001107	SWITCH-DETECTOR;5VDC,1mA,1Poles,26gf,LEV	
VR471	2101-001078	VR-ROTARY;1ohm,-,-,TOP	
VR472	2101-001077	VR-ROTARY;1ohm,-,-,SIDE	
		ASSY-EVF BOARD	

Loc. No	Part No	Desc & Spec	Remark
CNV01	3708-001026	CONNECTOR-FPC/FC/PIC;10P,0.5mm,ANGLE,SN	
CNV02	3708-000514	CONNECTOR-FPC/FFC/PIC;16P,0.5mm,SMD-S,SN	
CNV03	3708-001436	CONNECTOR-FPC/FC/PIC;4P,1mm,SMD-S,SN	
CV05	2203-001734	C-CERAMIC,CHIP;680nF,5%,50V,X7R,TP,2012,	
CV09	2203-001734	C-CERAMIC,CHIP;680nF,5%,50V,X7R,TP,2012,	
CV10	2203-001734	C-CERAMIC,CHIP;680nF,5%,50V,X7R,TP,2012,	
CV11	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
CV12	2404-000335	C-TA,CHIP;3.3uF,20%,16V,GP,TP,3216	
CV13	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CV14	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CV19	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
CV20	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
CV21	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
CV22	2203-002793	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	
CV26	2203-002793	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	
CV27	2404-000335	C-TA,CHIP;3.3uF,20%,16V,GP,TP,3216	
CV28	2203-001103	C-CERAMIC,CHIP;6.8nF,10%,50V,X7R,TP,1608	
CV29	2203-001607	C-CERAMIC,CHIP;0.22nF,5%,50V,NP0,TP,1608	
CV30	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
CV31	2203-000626	C-CERAMIC,CHIP;0.022nF,5%,50V,NP0,TP,160	
CV33	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CV37	2404-001039	C-TA,CHIP;47uF,20%,6.3V,GP,TP,3528,-	
CV38	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CV39	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CV42	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CV43	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
CV50	2404-001039	C-TA,CHIP;47uF,20%,6.3V,GP,TP,3528,-	
CV51	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CV73	2404-000212	C-TA,CHIP;3.3uF,20%,25V,-,TP,3528,-	
CV74	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
DV01	0405-000123	DIODE-VARACTOR;1T369,34V,10nA,DSM,TP	
ICV01	1003-001283	IC-LCD DRIVER;CXA3503R,LQFP,72P,-,SINGLE	
ICV02	1103-001133	IC-EEPROM;24C020,256x8BIT,SOP,8P,150MIL,	
LV03	2703-000363	INDUCTOR-SMD;10uH,5%,2.5x2x1.8mm	
LV04	2703-001883	INDUCTOR-SMD;22uH,10%,2.5x2x1.8mm	
LV06	2703-000396	INDUCTOR-SMD;10uH,10%,2.5x2x1.8mm	
LV11	2703-001883	INDUCTOR-SMD;22uH,10%,2.5x2x1.8mm	
LV12	2703-001883	INDUCTOR-SMD;22uH,10%,2.5x2x1.8mm	
RV11	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
RV12	2007-000103	R-CHIP;120Kohm,5%,1/16W,DA,TP,1608	
RV13	2007-000067	R-CHIP;15Kohm,1%,1/16W,DA,TP,1608	
RV14	2007-000772	R-CHIP;33Kohm,1%,1/16W,DA,TP,1608	
RV16	2007-000643	R-CHIP;270ohm,5%,1/16W,DA,TP,1608	
RV17	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
RV18	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	

Loc. No	Part No	Desc & Spec	Remark
RV19	2007-000134	R-CHIP;33Kohm,5%,1/16W,DA,TP,1608	
RV20	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
RV21	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
RV27	2007-001670	R-CHIP;68OHM,1%,1/10W,DA,TP,2012	
RV30	2007-000060	R-CHIP;100Kohm,1%,1/16W,DA,TP,1608	
RV32	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
RV33	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
RV34	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
RV40	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
RV41	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
RV51	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
		ASSY-LCD BOARD	
CL101	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CL102	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CL103	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CL104	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CL105	2404-000212	C-TA,CHIP;3.3uF,20%,25V,-,TP,3528,-	
CL106	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CL107	2404-000212	C-TA,CHIP;3.3uF,20%,25V,-,TP,3528,-	
CL108	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CL109	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
CL110	2404-000212	C-TA,CHIP;3.3uF,20%,25V,-,TP,3528,-	
CL137	2404-001131	C-TA,CHIP;22UF,10%,10V,GP,TP,3528	
CL138	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CL148	2301-001108	C-FILM,CHIP;22nF,5%,50V,TP,3.2x2.5x1.4,3	
CL150	2203-005046	C-CERAMIC,CHIP;0.022nF,5%,3kV,NP0,TP,452	
CL157	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
CL158	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CL160	2404-001131	C-TA,CHIP;22UF,10%,10V,GP,TP,3528	
CL161	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CL162	2404-001131	C-TA,CHIP;22UF,10%,10V,GP,TP,3528	
CL201	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CL202	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
CL203	2404-001039	C-TA,CHIP;47uF,20%,6.3V,GP,TP,3528,-	
CL204	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CL207	2404-000151	C-TA,CHIP;1uF,20%,16V,-,TP,3216,-	
CL208	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
CL209	2203-001103	C-CERAMIC,CHIP;6.8nF,10%,50V,X7R,TP,1608	
CL210	2404-000335	C-TA,CHIP;3.3uF,20%,16V,GP,TP,3216	
CL211	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
CL212	2203-001222	C-CERAMIC,CHIP;820pF,10%,50V,X7R,TP,1608	
CL213	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
CL214	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
CL215	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
CL216	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
CL217	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
CL218	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
CL219	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
CL221	2203-002793	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	
CL224	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CL225	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CL226	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CL227	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
CL228	2203-005105	C-CERAMIC,CHIP;0.68nF,5%,50V,NP0,TP,1608	
CL229	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CL230	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
CL231	2203-001071	C-CERAMIC,CHIP;0.056nF,5%,50V,NP0,TP,160	PAL
CL232	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	PAL
CL233	2203-000062	C-CERAMIC,CHIP;47nF,+80-20%,50V,Y5V,TP,1	
CL234	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	PAL
CL235	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	PAL
CL236	2203-001697	C-CERAMIC,CHIP;0.082nF,5%,50V,NP0,TP,160	PAL
CL237	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CL238	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	NTSC
CL239	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
CL240	2404-000251	C-TA,CHIP;470nF,20%,35V,-,TP,3216,-	
CL302	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
CL303	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
CL304	2404-001039	C-TA,CHIP;47uF,20%,6.3V,GP,TP,3528,-	
CL309	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CL310	2203-001052	C-CERAMIC,CHIP;0.56nF,10%,50V,X7R,TP,160	
CL311	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CL312	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
CL313	2203-001598	C-CERAMIC,CHIP;2200nF,+80-20%,16V,Y5V,TP	
CL314	2203-001697	C-CERAMIC,CHIP;0.082nF,5%,50V,NP0,TP,160	
CL315	2404-000232	C-TA,CHIP;4.7uF,20%,10V,-,TP,3216,-	
CL316	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
CL317	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CL318	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
CL319	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CL320	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CL324	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CL325	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CL326	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CL327	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CL328	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CL329	2203-000715	C-CERAMIC,CHIP;3.3nF,10%,50V,X7R,TP,1608	
CL331	2404-000130	C-TA,CHIP;10uF,20%,20V,-,TP,6032,-	
CL340	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
CNL101	3711-004153	CONNECTOR-HEADER;BOX,14P,1R,1mm,SMD-A,SN	

Loc. No	Part No	Desc & Spec	Remark
CNL102	3708-001334	CONNECTOR-FPC/FC/PIC;10P,0.8mm,SMD-A,SN	
CNL301	3708-001340	CONNECTOR-FPC/FC/PIC;24P,0.5mm,SMD-A,SN	
DL302	0405-000123	DIODE-VARACTOR;1T369,34V,10nA,DSM,TP	
DL303	0401-001054	DIODE-SWITCHING;KDS160,85V,300mA,SOD-323	
ICL201	1002-001125	IC-D/A CONVERTER;M62366GP,8BIT,SSOP,20P,	
ICL202	1103-001133	IC-EEPROM;24C020,256x8BIT,SOP,8P,150MIL,	
ICL203	1204-001321	IC-VIDEO PROCESS;IR3Y29BM,QFP,48P,286MIL	
ICL301	1201-000200	IC-OP AMP;3414,SOP,8P,173MIL,DUAL,-,PLAS	
ICL303	1003-001261	IC-LCD CONTROLLER;CM7019L3-T4,QFP,48P,27	
LL101	2703-000397	INDUCTOR-SMD;33uH,10%,2.5x2x1.8mm	
LL102	2703-000407	INDUCTOR-SMD;330uH,10%,3.2x2.5x2.2mm	
LL103	2703-000407	INDUCTOR-SMD;330uH,10%,3.2x2.5x2.2mm	
LL104	2703-000396	INDUCTOR-SMD;10uH,10%,2.5x2x1.8mm	
LL105	2703-000397	INDUCTOR-SMD;33uH,10%,2.5x2x1.8mm	
LL106	2703-000397	INDUCTOR-SMD;33uH,10%,2.5x2x1.8mm	
LL109	2703-001196	INDUCTOR-SMD;150uH,20%,7x7x3.2mm	
LL115	2703-000398	INDUCTOR-SMD;10uH,10%,3.2x2.5x2.2mm	
LL201	2703-000396	INDUCTOR-SMD;10uH,10%,2.5x2x1.8mm	
LL202	2703-000396	INDUCTOR-SMD;10uH,10%,2.5x2x1.8mm	
LL205	AD27-00002A	COIL-TRAP;5CDM,-,Q1C,M7N,-,SUMIKASUPER-E	PAL
LL301	2703-000397	INDUCTOR-SMD;33uH,10%,2.5x2x1.8mm	
LL302	2703-000367	INDUCTOR-SMD;33uH,5%,2.5x2x1.8mm	
LL304	2703-001883	INDUCTOR-SMD;22uH,10%,2.5x2x1.8mm	
LL306	2703-000397	INDUCTOR-SMD;33uH,10%,2.5x2x1.8mm	
QL101	0501-002128	TR-SMALL SIGNAL;KTC4075,NPN,100mW,USM,TP	
QL103	0504-001037	TR-DIGITAL;KRC401,NPN,100MW,4.7K/4.7K,SO	
QL108	0502-001182	TR-POWER;KTD1898,NPN,500mW,SOT-89,TP,12	
QL109	0502-001182	TR-POWER;KTD1898,NPN,500mW,SOT-89,TP,12	
QL110	0501-002311	TR-SMALL SIGNAL;HN2A01FU,PNP,200mW,UMD6,	
RL106	2007-000979	R-CHIP;5.6Kohm,1%,1/16W,DA,TP,1608	
RL107	2007-000063	R-CHIP;150Kohm,1%,1/16W,DA,TP,1608	
RL136	2007-000516	R-CHIP;2.7Kohm,1%,1/16W,DA,TP,1608	
RL137	2007-000516	R-CHIP;2.7Kohm,1%,1/16W,DA,TP,1608	
RL140	2007-000124	R-CHIP;2.2Kohm,5%,1/16W,DA,TP,1608	
RL141	2007-000116	R-CHIP;120ohm,5%,1/16W,DA,TP,1608	
RL142	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
RL201	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
RL202	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
RL203	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
RL204	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
RL205	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
RL207	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
RL208	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
RL209	2007-001114	R-CHIP;680Kohm,5%,1/16W,DA,TP,1608	
RL210	2007-000133	R-CHIP;330Kohm,5%,1/16W,DA,TP,1608	
RL212	2007-000119	R-CHIP;560ohm,5%,1/16W,DA,TP,1608	
RL215	2007-000455	R-CHIP;18Kohm,1%,1/16W,DA,TP,1608	
RL216	2007-000133	R-CHIP;330Kohm,5%,1/16W,DA,TP,1608	
RL217	2007-000101	R-CHIP;82Kohm,5%,1/16W,DA,TP,1608	
RL218	2007-000130	R-CHIP;39Kohm,5%,1/16W,DA,TP,1608	
RL221	2007-000107	R-CHIP;470Kohm,5%,1/16W,DA,TP,1608	
RL222	2007-000772	R-CHIP;33Kohm,1%,1/16W,DA,TP,1608	
RL223	2007-000939	R-CHIP;47Kohm,1%,1/16W,DA,TP,1608	
RL224	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
RL225	2007-000939	R-CHIP;47Kohm,1%,1/16W,DA,TP,1608	
RL226	2007-001038	R-CHIP;56Kohm,1%,1/16W,DA,TP,1608	
RL233	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
RL234	2007-000130	R-CHIP;39Kohm,5%,1/16W,DA,TP,1608	
RL235	2007-000097	R-CHIP;47Kohm,5%,1/16W,DA,TP,1608	
RL236	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
RL237	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
RL238	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
RL239	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
RL240	2007-000305	R-CHIP;10Mohm,5%,1/16W,DA,TP,1608	
RL241	2007-000087	R-CHIP;6.8Kohm,5%,1/16W,DA,TP,1608	PAL
RL242	2007-000087	R-CHIP;6.8Kohm,5%,1/16W,DA,TP,1608	
RL243	2007-000109	R-CHIP;1Mohm,5%,1/16W,DA,TP,1608	NTSC
RL243	2007-007703	R-CHIP;5.6MOHM,5%,1/16W,DA,TP,1608	
RL244	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	PAL
RL245	2007-000086	R-CHIP;5.6Kohm,5%,1/16W,DA,TP,1608	
RL246	2007-001179	R-CHIP;8.2Kohm,5%,1/16W,DA,TP,1608	
RL247	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
RL248	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
RL250	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
RL251	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
RL261	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
RL262	2007-001007	R-CHIP;51Kohm,1%,1/16W,DA,TP,1608	
RL263	2007-000651	R-CHIP;27Kohm,1%,1/16W,DA,TP,1608	
RL265	2007-000097	R-CHIP;47Kohm,5%,1/16W,DA,TP,1608	
RL266	2007-000092	R-CHIP;15Kohm,5%,1/16W,DA,TP,1608	NTSC
RL270	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
RL271	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
RL276	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
RL278	2007-000805	R-CHIP;36Kohm,5%,1/16W,DA,TP,1608	
RL279	2007-000098	R-CHIP;56Kohm,5%,1/16W,DA,TP,1608	
RL301	2007-000637	R-CHIP;270Kohm,5%,1/16W,DA,TP,1608	
RL302	2007-000828	R-CHIP;39Kohm,1%,1/16W,DA,TP,1608	
RL303	2007-000736	R-CHIP;30Kohm,1%,1/16W,DA,TP,1608	
RL304	2007-000060	R-CHIP;100Kohm,1%,1/16W,DA,TP,1608	
RL305	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	

Loc. No	Part No	Desc & Spec	Remark
RL306	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
RL307	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
RL308	2007-000100	R-CHIP;68Kohm,5%,1/16W,DA,TP,1608	
RL309	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
RL310	2007-000097	R-CHIP;47Kohm,5%,1/16W,DA,TP,1608	
RL311	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
RL312	2007-000100	R-CHIP;68Kohm,5%,1/16W,DA,TP,1608	
RL313	2007-000109	R-CHIP;1Mohm,5%,1/16W,DA,TP,1608	
RL314	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
RL315	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
RL316	2007-000616	R-CHIP;24Kohm,5%,1/16W,DA,TP,1608	
RL317	2007-000130	R-CHIP;39Kohm,5%,1/16W,DA,TP,1608	
RL318	2007-000772	R-CHIP;33Kohm,1%,1/16W,DA,TP,1608	
RL320	2007-000106	R-CHIP;220Kohm,5%,1/16W,DA,TP,1608	
RL321	2007-000805	R-CHIP;36Kohm,5%,1/16W,DA,TP,1608	
RL322	2007-000491	R-CHIP;2.2Kohm,1%,1/16W,DA,TP,1608	
RL323	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	PAL
RL324	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	NTSC
RL331	2007-000097	R-CHIP;47Kohm,5%,1/16W,DA,TP,1608	
SWL101	3409-001081	SWITCH-DETECTOR;12V DC,0.1A,SPST,30gf,PU	
TL103	AD26-82001C	TRANS-INVERTER;12.4X11X3.4,6V,101KHZ,843	
XL201	2801-003866	CRYSTAL-SMD;4.43362MHz,30ppm,28-ABY,16pF	
		ASSY-CCD BOARD	
CC01	2203-000140	C-CERAMIC,CHIP;1.5nF,10%,50V,X7R,TP,1608	
CC02	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CC03	2404-000212	C-TA,CHIP;3.3uF,20%,25V,-,TP,3528,-	
CC04	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CC05	2404-000212	C-TA,CHIP;3.3uF,20%,25V,-,TP,3528,-	
CC06	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CNC01	3711-004241	CONNECTOR-HEADER;BOX,18P,2R,1MM,SMD-A,SN	
DC02	0401-001054	DIODE-SWITCHING;KDS160,85V,300mA,SOD-323	
QC01	0505-000180	FET-SILICON;2SK1070PIETR,-,150MW,SOT	
RC01	2007-000109	R-CHIP;1Mohm,5%,1/16W,DA,TP,1608	
RC02	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
RC03	2007-000125	R-CHIP;3.9Kohm,5%,1/16W,DA,TP,1608	
RC05	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
RC07	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
		ASSY-FRONT BOARD	
CN801	AD39-00035A	LEAD CONNECTOR-ASSY;2.0/1.25,12P,70MM,3502	
CN802	3711-000780	CONNECTOR-HEADER;BOX,2P,1R,1.25mm,STRAIG	
J801	3722-001441	JACK-PHONE;3P,3.6PI,AG,BLK,-	
J802	3722-001440	JACK-PHONE;4P,3.6PI,SN,YEL,-	
RE801	AD32-00007A	MODULE REMOCON;-,KSM-603TM,37.9KHz,940nm	
		ASSY-REAR BOARD	
BT451	AD63-00072A	TERMINAL--BATTERY;T0.3,C5210R-H,-,-,-	
BT452	AD63-00072A	TERMINAL--BATTERY;T0.3,C5210R-H,-,-,-	
C451	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CN451	3710-001106	CONNECTOR-SOCKET;40P,2R,0.8mm,SMD-S,SN	
CN452	3710-001479	CONNECTOR-SOCKET;14P,2R,1MM,SMD-S,SN	
D451	0401-001054	DIODE-SWITCHING;KDS160,85V,300mA,SOD-323	
D452	0401-001054	DIODE-SWITCHING;KDS160,85V,300mA,SOD-323	
IC451	AC14-12012T	IC-OP AMP;TA75S01F(TE85L),QFP,-	
J451	AD97-01199A	ASSY-DC JACK;M1-PJ,-,-	
J452	AD97-01200A	ASSY-S-JACK;M1-PJ,-,-	
PS451	3601-001154	FUSE-SURFACE MOUNT;125V,2.5A,SLOW-BLOW,C	
Q451	0505-001417	FET-SILICON;TPC8303,P,-30V,-4.5A,55mohm,	
Q452	0501-000546	TR-SMALL SIGNAL;KTA1298,PNP,200mW,SOT-23	
Q453	0504-001032	TR-DIGITAL;KRC404,NPN,100MW,47K/47K,SOT-	
Q454	0504-001032	TR-DIGITAL;KRC404,NPN,100MW,47K/47K,SOT-	
Q455	0504-001032	TR-DIGITAL;KRC404,NPN,100MW,47K/47K,SOT-	
Q456	0504-001047	TR-DIGITAL;DTA124EUA,PNP,200MW,22K/22K,S	
R451	2007-000922	R-CHIP;470KOHM,1%,1/10W,DA,TP,2012	
R452	2007-000562	R-CHIP;220KOHM,1%,1/10W,DA,TP,2012	
R453	2007-000941	R-CHIP;47KOHM,5%,1/10W,DA,TP,2012	
R454	2007-000477	R-CHIP;1MOHM,5%,1/10W,DA,TP,2012	
R455	2007-002749	R-CHIP;3.3OHM,5%,1/8W,DA,TP,3216	
R456	2007-000978	R-CHIP;5.6KOHM,1%,1/10W,DA,TP,2012	
R457	2007-000465	R-CHIP;1KOHM,1%,1/10W,DA,TP,2012	
R458	2007-000406	R-CHIP;15KOHM,1%,1/10W,DA,TP,2012	
R459	2007-000465	R-CHIP;1KOHM,1%,1/10W,DA,TP,2012	
R466	2007-007948	R-CHIP;0.1ohm,1%,0.75W,DA,TP,5025	
R472	2007-000931	R-CHIP;470OHM,5%,1/10W,DA,TP,2012	
R473	2007-000931	R-CHIP;470OHM,5%,1/10W,DA,TP,2012	
SW471	3409-001035	SWITCH-DETECTOR;3~5V,50uA~10mA,2,30gf,R	
SW473	3404-001117	SWITCH-TACT;12V,50mA,130gf,8.0x3.7x2.5mm	
SW474	3404-001119	SWITCH-TACT;12V,50mA,130gf,6.2x6.2x2.6mm	
SW475	3409-001035	SWITCH-DETECTOR;3~5V,50uA~10mA,2,30gf,R	
VR471	2102-001019	VR-SLIDE;10Kohm,30%,1/20W,SLIDE	

7. PCB Diagrams

7-1 Main PCB (Normal) (Component Side) - - - - - - - - 7-2

7-2 Main PCB (Normal) (Conductor Side) - - - - - - - - - 7-4

7-3 Main PCB (Hi8) (Component Side) - - - - - - - - - - - 7-6

7-4 Main PCB (Hi8) (Conductor Side) - - - - - - - - - - - - 7-8

7-5 Rear PCB - 7-10

7-6 CCD PCB - 7-11

7-7 CVF PCB - 7-12

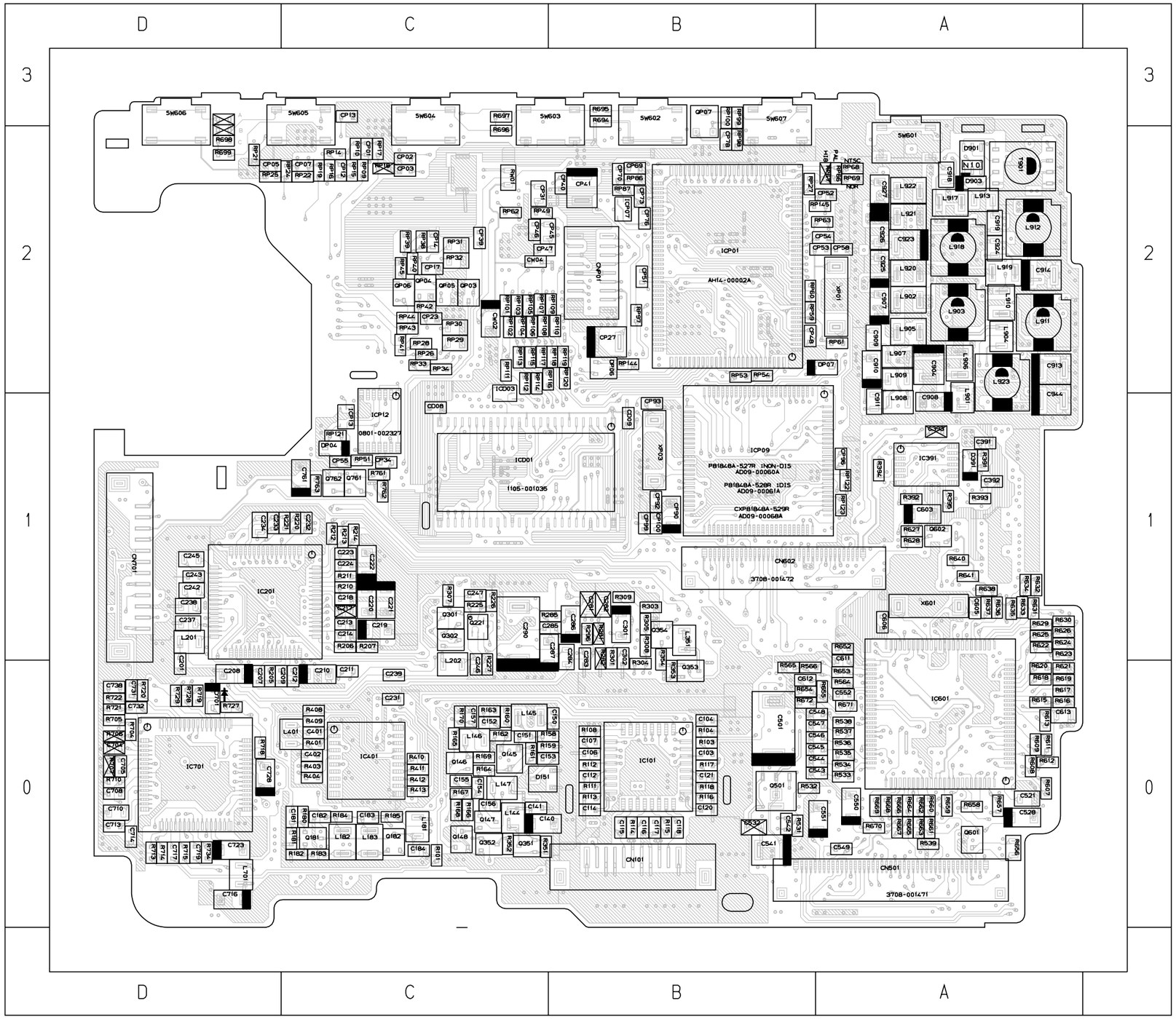
7-8 EVF PCB - 7-13

7-9 Function PCB - 7-14

7-10 LCD PCB - 7-15

7-11 Front PCB - 7-16

7-1 Main PCB (Normal) (Component Side)



*** CHIP ***

SW601 (A2)
SW602 (B2)
SW603 (B2)
SW604 (C2)
SW605 (C2)
SW606 (D2)
SW607 (B2)

T901 (A2)

X601 (A1)
XP01 (A2)
XP03 (B1)

L144 (C0)
L145 (C0)
L146 (C0)
L147 (C0)
L181 (C0)
L182 (C0)
L183 (C0)
L201 (D1)
L202 (C0)
L351 (B1)
L401 (C0)
L701 (D0)
L901 (A1)
L902 (A2)
L903 (A2)
L904 (A2)
L905 (A2)
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L919 (A2)
L920 (A2)
L921 (A2)
L922 (A2)
L923 (A2)

RP108 (C2)
RP109 (B2)
RP110 (B2)
RP111 (C2)
RP112 (C2)
RP113 (C2)
RP114 (C2)
RP115 (C2)
RP116 (B2)
RP117 (C2)
RP118 (B2)
RP119 (B2)
RP120 (B2)
RP121 (C1)
RP122 (A1)
RP123 (A1)
RP144 (B2)
RP145 (A2)
RW01 (C2)

RP40 (C2)
RP41 (C2)
RP42 (C2)
RP43 (C2)
RP44 (C2)
RP45 (C2)
RP49 (C2)
RP51 (C1)
RP53 (B2)
RP54 (B2)
RP59 (B2)
RP60 (B2)
RP61 (A2)
RP62 (C2)
RP63 (A2)
RP66 (A2)
RP67 (A2)
RP68 (A2)
RP69 (A2)
RP86 (B2)
RP87 (B2)
RP97 (B2)
RP98 (B2)
RP99 (B3)
RP100 (B3)
RP101 (C2)
RP102 (C2)
RP103 (C2)
RP104 (C2)
RP105 (C2)
RP106 (C2)
RP107 (C2)

R721 (D0)
R722 (D0)
R727 (D0)
R728 (D0)
R729 (D0)
R734 (D0)
R761 (C1)
R762 (C1)
R763 (C1)
RP09 (C2)
RP10 (C2)
RP14 (C2)
RP15 (C2)
RP16 (C2)
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RP19 (C2)
RP21 (D2)
RP22 (C2)
RP24 (C2)
RP25 (D2)
RP26 (C2)
RP27 (B2)
RP28 (C2)
RP29 (C2)
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RP33 (C2)
RP34 (C2)
RP38 (C2)
RP39 (C2)

R658 (A0)
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R669 (A0)
R670 (A0)
R671 (A0)
R672 (A0)
R694 (B3)
R695 (B3)
R696 (C2)
R697 (C3)
R698 (D2)
R699 (D2)
R704 (D0)
R705 (D0)
R706 (D0)
R707 (D0)
R710 (D0)
R713 (D0)
R714 (D0)
R715 (D0)
R718 (D0)
R719 (D0)
R720 (D0)

R615 (A0)
R616 (A0)
R617 (A0)
R618 (A0)
R619 (A0)
R620 (A0)
R621 (A0)
R622 (A1)
R623 (A1)
R624 (A1)
R625 (A1)
R626 (A1)
R627 (A1)
R628 (A1)
R629 (A1)
R630 (A1)
R631 (A1)
R632 (A1)
R633 (A1)
R634 (A1)
R635 (A1)
R636 (A1)
R637 (A1)
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R641 (A1)
R652 (A1)
R653 (A0)
R654 (B0)
R655 (A0)
R656 (A0)
R657 (A0)

R403 (C0)
R404 (C0)
R408 (C0)
R409 (C0)
R410 (C0)
R411 (C0)
R412 (C0)
R413 (C0)
R531 (B0)
R532 (B0)
R533 (A0)
R534 (A0)
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R536 (A0)
R537 (A0)
R538 (A0)
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R565 (B0)
R566 (B0)
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R602 (A1)
R603 (A1)
R604 (A1)
R605 (A1)
R606 (A1)
R607 (A0)
R608 (A0)
R609 (A0)
R611 (A0)
R612 (A0)
R613 (A0)

R205 (D0)
R206 (C1)
R207 (C1)
R210 (C1)
R211 (C1)
R212 (C1)
R213 (C1)
R214 (C1)
R220 (C1)
R221 (C1)
R225 (C1)
R226 (C1)
R227 (C0)
R281 (B1)
R282 (B1)
R285 (B1)
R296 (B1)
R301 (B1)
R303 (B1)
R304 (B0)
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R307 (C1)
R308 (B1)
R309 (B1)
R351 (C0)
R352 (C0)
R353 (B0)
R354 (B0)
R391 (A1)
R392 (A1)
R393 (A1)
R401 (C0)

*** RESISTOR ***

R101 (C0)
R103 (B0)
R104 (B0)
R108 (B0)
R111 (B0)
R112 (B0)
R113 (B0)
R114 (B0)
R115 (B0)
R116 (B0)
R117 (B0)
R118 (B0)
R158 (B0)
R159 (B0)
R160 (C0)
R161 (C0)
R162 (C0)
R163 (C0)
R164 (C0)
R165 (C0)
R166 (C0)
R167 (C0)
R168 (C0)
R169 (C0)
R170 (C0)
R172 (D1)
R180 (C0)
R181 (C0)
R182 (C0)
R183 (C0)
R184 (C0)
R185 (C0)

*** IC&WAFER ***

CN101 (B0)
CN501 (A0)
CN602 (B1)
CN701 (D1)
CNP01 (B2)

IC101 (B0)
IC201 (D1)
IC391 (A1)
IC401 (C0)
IC601 (A0)
IC701 (D0)
ICD01 (C1)
ICD03 (C1)
ICP01 (B2)
ICP07 (B2)
ICP09 (B1)
ICP12 (C1)
ICP13 (C1)

*** TR ***

Q145 (C0)
Q146 (C0)
Q147 (C0)
Q148 (C0)
Q181 (C0)
Q182 (C0)
Q221 (C1)
Q301 (C1)
Q302 (C1)
Q351 (C0)
Q352 (C0)
Q353 (B0)
Q354 (B1)
Q501 (B0)
Q601 (A0)
Q602 (A1)
Q761 (C1)
Q762 (C1)
QP03 (C2)
QP04 (C2)
QP05 (C2)
QP06 (C2)
QP07 (B3)

*** DIODE ***

D151 (C0)
D391 (A1)
D701 (D0)
D901 (A2)
D903 (A2)
DP04 (C1)
DP06 (B2)
DP07 (A2)

CP99 (B1)
CP100 (B1)
CW02 (C2)
CW04 (C2)

CP07 (C2)
CP12 (C2)
CP13 (C3)
CP14 (C2)
CP17 (C2)
CP23 (C2)
CP27 (B2)
CP31 (C2)
CP34 (C1)
CP39 (C2)
CP40 (B2)
CP41 (B2)
CP45 (B2)
CP46 (C2)
CP47 (C2)
CP48 (B2)
CP51 (B2)
CP52 (A2)
CP53 (A2)
CP54 (A2)
CP55 (C1)
CP57 (B2)
CP58 (A2)
CP69 (B2)
CP70 (B2)
CP73 (B2)
CP76 (B2)
CP78 (B2)
CP90 (B1)
CP92 (B1)
CP93 (B1)
CP96 (A1)

C714 (D0)
C716 (D0)
C717 (D0)
C719 (D0)
C723 (D0)
C728 (D0)
C731 (D0)
C732 (D0)
C738 (D0)
C761 (C1)
C904 (A2)
C907 (A2)
C908 (A1)
C909 (A2)
C910 (A2)
C911 (A1)
C913 (A2)
C914 (A2)
C918 (A2)
C919 (A2)
C923 (A2)
C924 (A2)
C925 (A2)
C926 (A2)
C927 (A2)
C944 (A1)
CD08 (C1)
CD09 (B1)
CP01 (C2)
CP02 (C2)
CP03 (C2)
CP05 (D2)

C302 (B1)
C391 (A1)
C392 (A1)
C393 (A1)
C401 (C0)
C402 (C0)
C501 (B0)
C521 (A0)
C528 (A0)
C532 (B0)
C541 (B0)
C542 (B0)
C543 (A0)
C544 (A0)
C545 (A0)
C546 (A0)
C547 (A0)
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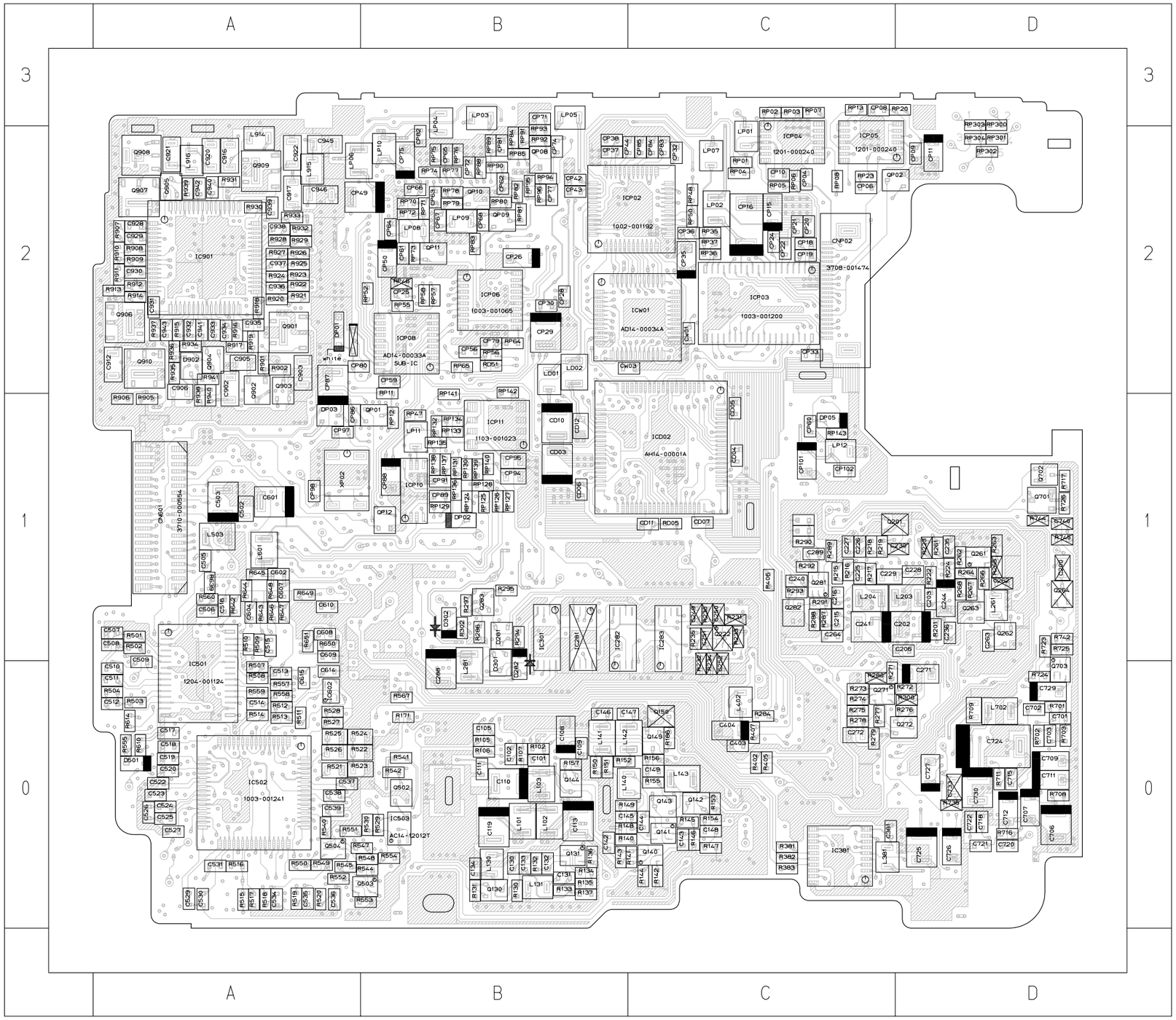
C549 (A0)
C550 (A0)
C551 (A0)
C603 (A1)
C605 (A1)
C606 (A1)
C611 (A0)
C612 (B0)
C613 (A0)
C704 (D0)
C705 (D0)
C708 (D0)
C710 (D0)
C713 (D0)

C212 (C0)
C213 (C1)
C214 (C1)
C217 (C1)
C218 (C1)
C219 (C1)
C220 (C1)
C221 (C1)
C222 (C1)
C223 (C1)
C224 (C1)
C231 (C0)
C232 (C1)
C233 (D1)
C234 (D1)
C237 (D1)
C238 (D1)
C239 (C0)
C242 (D1)
C243 (D1)
C245 (D1)
C246 (C0)
C247 (C1)
C281 (B1)
C282 (B1)
C283 (B1)
C284 (B1)
C285 (B1)
C286 (B1)
C287 (B1)
C290 (C1)
C301 (B1)

*** CONDENSER ***

C103 (B0)
C104 (B0)
C106 (B0)
C107 (B0)
C112 (B0)
C114 (B0)
C115 (B0)
C116 (B0)
C117 (B0)
C118 (B0)
C120 (B0)
C121 (B0)
C140 (C0)
C141 (C0)
C150 (B0)
C151 (C0)
C152 (C0)
C153 (B0)
C154 (C0)
C155 (C0)
C156 (C0)
C157 (C0)
C181 (C0)
C182 (C0)
C183 (C0)
C184 (C0)
C201 (D0)
C207 (D0)
C208 (D0)
C209 (C0)
C210 (C0)
C211 (C0)

7-2 Main PCB (Normal) (Conductor Side)



*** RESISTOR ***

R102 (B0)
R105 (B0)
R106 (B0)
R107 (B0)
R130 (B0)
R131 (B0)
R132 (B0)
R133 (B0)
R134 (B0)
R135 (B0)
R136 (B0)
R137 (B0)
R140 (B0)
R141 (C0)
R142 (C0)
R143 (B0)
R144 (C0)
R145 (C0)
R146 (C0)
R147 (C0)
R148 (B0)
R149 (B0)
R150 (B0)
R151 (B0)
R152 (B0)
R153 (C0)
R154 (C0)
R155 (C0)
R156 (C0)
R157 (B0)
R171 (B0)
R186 (C0)
R201 (D1)
R215 (C1)
R216 (C1)
R217 (C1)
R218 (C1)
R219 (C1)
R222 (D1)
R223 (D1)
R224 (D1)
R230 (C1)
R231 (C1)
R232 (C0)
R233 (C1)
R234 (C0)
R235 (C1)
R261 (D1)
R262 (D1)
R263 (D1)
R264 (D1)
R265 (D1)
R266 (D1)
R267 (D1)
R268 (D1)
R271 (C0)
R272 (D0)
R273 (C0)
R274 (C0)
R275 (C0)
R276 (D0)
R277 (C0)
R278 (C0)
R279 (C0)
R280 (C0)
R284 (C0)
R286 (B1)
R287 (C1)
R288 (C1)
R289 (C1)
R290 (C1)
R291 (C1)
R292 (C1)
R293 (C1)
R294 (B1)
R295 (B1)
R297 (B1)
R300 (D0)
R302 (B1)
R381 (C0)
R382 (C0)
R383 (C0)
R402 (C0)
R405 (C0)
R406 (C1)
R407 (C0)
R501 (A1)
R502 (A1)
R503 (A0)
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R527 (A0)
R528 (A0)
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R530 (B0)
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R542 (B0)
R544 (B0)
R545 (A0)
R547 (B0)
R548 (B0)
R549 (A0)
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R551 (A0)
R552 (A0)
R553 (B0)
R554 (B0)
R555 (A0)
R557 (A0)
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R559 (A0)
R560 (A1)
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R610 (A0)
R614 (A0)
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R647 (A1)
R648 (A1)
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R651 (A1)
R701 (D0)
R702 (D0)
R703 (D0)
R708 (D0)
R709 (D0)
R711 (D0)
R716 (D0)
R717 (D1)
R723 (D1)
R724 (D0)
R725 (D1)
R726 (D1)
R735 (D0)
R742 (D1)
R744 (D1)
R745 (D1)
R901 (A2)
R902 (A2)
R905 (A1)
R906 (A1)
R907 (A2)
R908 (A2)
R909 (A2)
R910 (A2)
R911 (A2)
R912 (A2)
R913 (A2)
R914 (A2)
R915 (A2)
R916 (A2)
R917 (A2)
R918 (A2)
R919 (A2)
R920 (A2)
R921 (A2)
R922 (A2)
R923 (A2)
R924 (A2)
R925 (A2)
R926 (A2)
R927 (A2)
R928 (A2)
R929 (A2)
R930 (A2)
R931 (A2)
R932 (A2)
R933 (A2)
R934 (A2)
R935 (A2)
R936 (A2)
R937 (A2)
R938 (A1)
R939 (A2)
R940 (A1)
R941 (A2)
RD05 (C1)
RD51 (B2)
RP01 (C2)
RP02 (C3)
RP03 (C3)
RP04 (C2)
RP05 (C2)
RP06 (C2)
RP07 (C3)
RP08 (C2)
RP11 (B1)
RP12 (B1)
RP124 (B1)
RP125 (B1)
RP126 (B1)
RP127 (B1)
RP128 (B1)
RP129 (B1)
RP13 (C3)
RP130 (B1)
RP131 (B1)
RP132 (B1)
RP133 (B1)
RP134 (B1)
RP135 (B1)
RP136 (B1)
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RP138 (B1)
RP139 (B1)
RP140 (B1)
RP141 (B1)
RP142 (B1)
RP143 (C1)
RP20 (D3)
RP23 (C2)
RP300 (D2)
RP301 (D2)
RP302 (D2)
RP303 (D2)
RP304 (D2)
RP35 (C2)
RP36 (C2)
RP37 (C2)
RP46 (B2)
RP47 (B1)
RP48 (C2)
RP50 (C2)
RP52 (B2)
RP55 (B2)
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RP57 (B2)
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RP64 (B2)
RP65 (B2)
RP70 (B2)
RP71 (B2)
RP72 (B2)
RP73 (B2)
RP74 (B2)
RP75 (B2)
RP76 (B2)
RP77 (B2)
RP78 (B2)
RP79 (B2)
RP80 (B2)
RP81 (B2)
RP82 (B2)
RP83 (B2)
RP84 (B2)
RP85 (B2)
RP88 (B2)
RP89 (B2)
RP90 (B2)
RP91 (B2)
RP92 (B2)
RP93 (B2)
RP94 (B2)
RP95 (B2)
RP96 (B2)

*** CHIP ***

L101 (B0)
L102 (B0)
L103 (B0)
L130 (B0)
L131 (B0)
L140 (C0)
L141 (B0)
L142 (C0)
L143 (C0)
L203 (D1)
L204 (C1)
L261 (D1)
L281 (B0)
L381 (C0)
L402 (C0)
L503 (A1)
L601 (A1)
L702 (D0)
L914 (A2)
L915 (A2)
L916 (A2)
LD01 (B2)
LD02 (B2)
LP01 (C2)
LP02 (C2)
LP03 (B3)
LP04 (B3)
LP05 (B3)
LP06 (A2)
LP07 (C2)
LP08 (B2)
LP09 (B2)
LP10 (B2)
LP11 (B1)
LP12 (C1)

XP02 (A1)

*** CONDENSER ***

C101 (B0)
C102 (B0)
C105 (B0)
C108 (B0)
C109 (B0)
C110 (B0)
C111 (B0)
C113 (B0)
C119 (B0)
C130 (B0)
C131 (B0)
C132 (B0)
C133 (B0)
C134 (B0)
C142 (B0)
C143 (C0)
C144 (C0)
C145 (B0)
C146 (B0)
C147 (B0)
C148 (C0)
C149 (C0)
C200 (D1)
C202 (D1)
C203 (D1)
C206 (D1)
C215 (C1)
C216 (C1)
C225 (C1)
C226 (C1)
C227 (C1)
C228 (D1)
C229 (C1)
C230 (D1)
C235 (D1)
C236 (D1)
C240 (C1)
C241 (C1)
C244 (D1)
C249 (C1)
C250 (C1)
C251 (C1)
C252 (C0)
C262 (D1)
C263 (D1)
C264 (C1)
C271 (D0)
C272 (C0)
C288 (B0)
C289 (C1)
C381 (C0)
C403 (C0)
C404 (C0)
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C503 (A1)
C505 (A1)
C506 (A1)
C507 (A1)
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C531 (A0)
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C602 (A1)
C604 (A1)
C607 (A1)
C608 (A1)
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C610 (A1)
C614 (A0)
C615 (A0)
C701 (D0)
C702 (D0)
C703 (D0)
C706 (D0)
C707 (D0)
C709 (D0)
C711 (D0)
C712 (D0)
C715 (D0)
C718 (D0)
C720 (D0)
C721 (D0)
C722 (D0)
C724 (D0)
C725 (D0)
C726 (D0)
C727 (D0)
C729 (D0)
C730 (D0)
C733 (D0)
C740 (D1)
C902 (A2)
C903 (A2)
C905 (A2)
C906 (A2)
C912 (A2)
C916 (A2)
C917 (A2)
C920 (A2)
C921 (A2)
C922 (A2)
C928 (A2)
C929 (A2)
C930 (A2)
C931 (A2)
C932 (A2)
C933 (A2)
C934 (A2)
C935 (A2)
C936 (A2)
C937 (A2)
C938 (A2)
C939 (A2)
C940 (A2)
C941 (A2)
C942 (A2)
C943 (A2)
C945 (A2)
C946 (A2)
CD03 (B1)
CD04 (C1)
CD05 (C1)
CD06 (B1)
CD07 (C1)
CD10 (B1)
CD11 (C1)
CD12 (B1)
CP04 (C2)
CP06 (C2)
CP08 (C3)
CP09 (D2)
CP10 (C2)
CP11 (D2)
CP15 (C2)
CP16 (C2)
CP18 (C2)
CP19 (C2)
CP20 (C2)
CP21 (C2)
CP22 (C2)
CP24 (C2)
CP25 (B2)
CP26 (B2)
CP28 (B2)
CP29 (B2)
CP30 (B2)
CP32 (C2)
CP33 (C2)
CP35 (C2)
CP36 (C2)
CP37 (B2)
CP38 (B2)
CP42 (B2)
CP43 (B2)
CP44 (C2)
CP49 (B2)
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CP56 (B2)
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CP60 (C1)
CP61 (B2)
CP62 (B2)
CP63 (B2)
CP64 (B2)
CP65 (B2)
CP66 (B2)
CP67 (B2)
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CP72 (B2)
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CP75 (B2)
CP77 (B2)
CP79 (B2)
CP80 (A2)
CP81 (B2)
CP82 (B2)
CP83 (C2)
CP84 (C2)
CP85 (C2)
CP86 (A1)
CP87 (A2)
CP88 (B1)
CP89 (B1)
CP91 (B1)
CP94 (B1)
CP95 (B1)
CP97 (A1)
CP98 (A1)
CP101 (C1)
CP102 (C1)
CW01 (C2)
CW03 (C2)

*** DIODE ***

D281 (B1)
D282 (B0)
D301 (B0)
D302 (B1)
D501 (A0)
D902 (A2)
DP01 (A2)
DP02 (B1)
DP03 (A1)
DP05 (C1)

*** TR ***

Q130 (B0)
Q131 (B0)
Q140 (C0)
Q141 (C0)
Q142 (C0)
Q143 (C0)
Q144 (B0)
Q149 (C0)
Q150 (C0)
Q201 (C1)
Q222 (C1)
Q261 (D1)
Q262 (D1)
Q263 (D1)
Q264 (D1)
Q271 (C0)
Q272 (D0)
Q281 (C1)
Q282 (C1)
Q283 (B1)
Q502 (B0)
Q503 (B0)
Q504 (A0)
Q701 (D1)
Q702 (D1)
Q703 (D0)
Q901 (A2)
Q902 (A2)
Q903 (A2)
Q904 (A2)
Q905 (A2)
Q906 (A2)
Q907 (A2)
Q908 (A2)
Q909 (A2)
Q910 (A2)
QP01 (B1)
QP02 (C2)
QP08 (B2)
QP09 (B2)
QP10 (B2)
QP11 (B2)
QP12 (B1)

*** IC&WAFER ***

CN601 (A1)
CNP02 (C2)

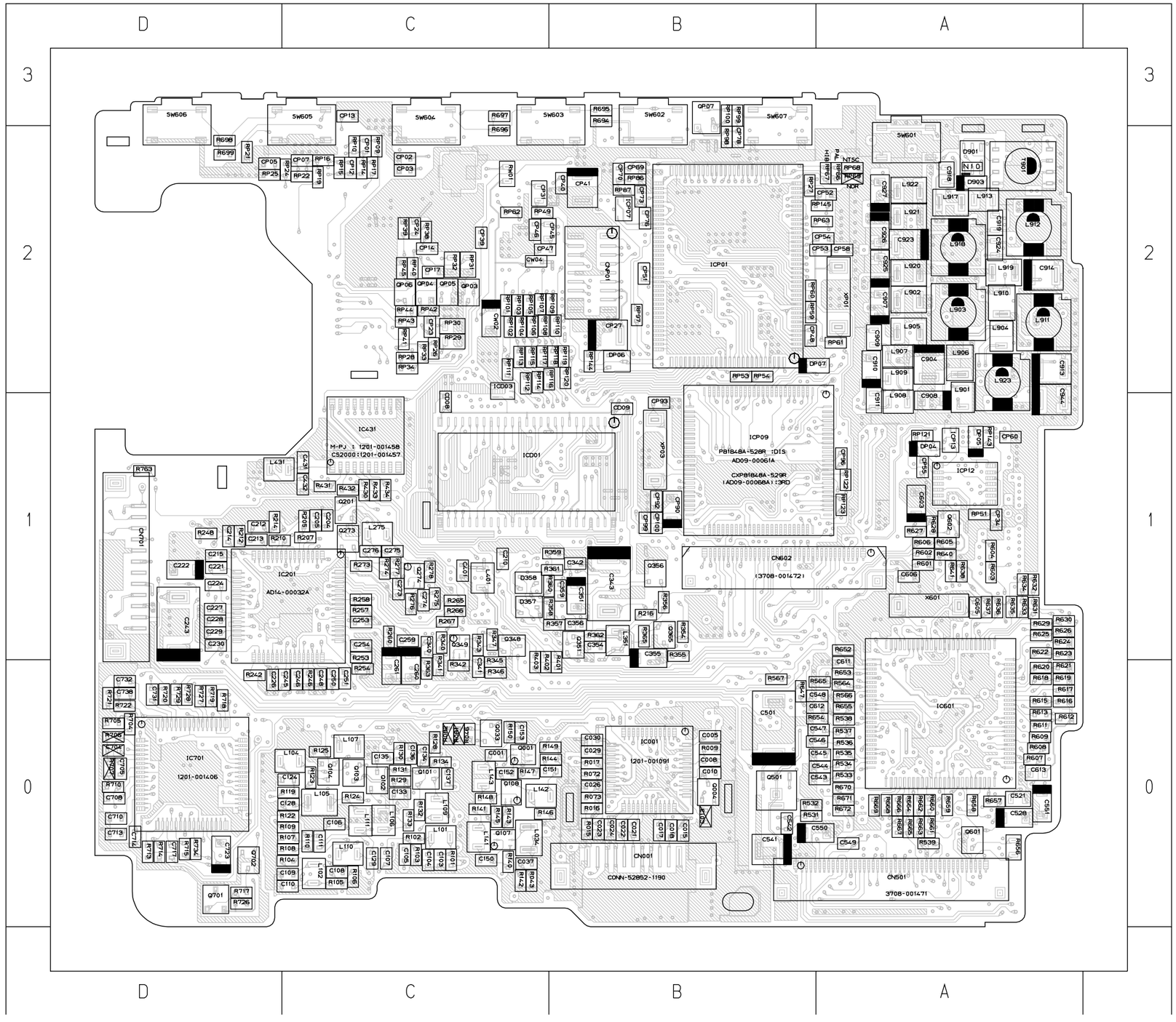
IC281 (B1)
IC282 (B1)
IC283 (C1)
IC301 (B1)
IC381 (C0)
IC501 (A0)
IC502 (A0)
IC503 (B0)
IC602 (A0)
IC901 (A2)

ICD02 (C1)

ICP02 (C2)
ICP03 (C2)
ICP04 (C2)
ICP05 (C2)
ICP06 (B2)
ICP08 (B2)
ICP10 (B1)
ICP11 (B1)

ICW01 (C2)

7-3 Main PCB (Hi8) (Component Side)



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L923 (A2)

SW601 (A2)
SW602 (B2)
SW603 (B2)
SW604 (C2)
SW605 (C2)
SW606 (D2)
SW607 (B2)

T901 (A2)

X601 (A1)
XP01 (A2)
XP03 (B1)

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L101 (C0)
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R728 (D0)
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R734 (D0)
R763 (D1)
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*** RESISTOR ***

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R129 (C0)
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R131 (C0)
R132 (C0)
R133 (C0)
R134 (C0)

*** IC&WAFER ***

CN001 (B0)
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CN602 (B1)
CN701 (D1)
CNP01 (B2)

IC001 (B0)
IC201 (C1)
IC431 (C1)
IC601 (A0)
IC701 (D0)
ICD01 (C1)
ICD03 (C2)
ICP01 (B2)
ICP07 (B2)
ICP09 (B1)
ICP12 (A1)
ICP13 (A1)

*** TR ***

Q001 (C0)
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Q033 (C0)
Q101 (C0)
Q102 (C0)
Q103 (C0)
Q104 (C0)
Q107 (C0)
Q108 (C0)
Q201 (C1)
Q273 (C1)
Q274 (C1)
Q348 (C1)
Q349 (C1)
Q351 (B1)
Q356 (B1)
Q365 (B1)
Q501 (B0)
Q601 (A0)
Q602 (A1)
Q701 (D0)
Q702 (D0)
QP03 (C2)
QP04 (C2)
QP05 (C2)
QP06 (C2)
QP07 (B3)

*** DIODE ***

D357 (C1)
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DP04 (A1)
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DP06 (B2)
DP07 (B2)

CP73 (B2)
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CP78 (B2)
CP90 (B1)
CP92 (B1)
CP93 (B1)
CP96 (A1)
CP99 (B1)
CP100 (B1)

CW02 (C2)
CW04 (C2)

CD09 (B1)
CP01 (C2)
CP02 (C2)
CP03 (C2)
CP05 (D2)
CP07 (C2)
CP12 (C2)
CP13 (C3)
CP14 (C2)
CP17 (C2)
CP23 (C2)
CP24 (C2)
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CP48 (B2)
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CP53 (A2)
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CP55 (A1)
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CP58 (A2)
CP60 (A1)
CP69 (B2)
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*** CONDENSER ***

C606 (A1)
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C613 (A0)
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C713 (D0)
C714 (D0)
C717 (D0)
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C732 (D0)
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C914 (A2)
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C944 (A1)
CD08 (C1)

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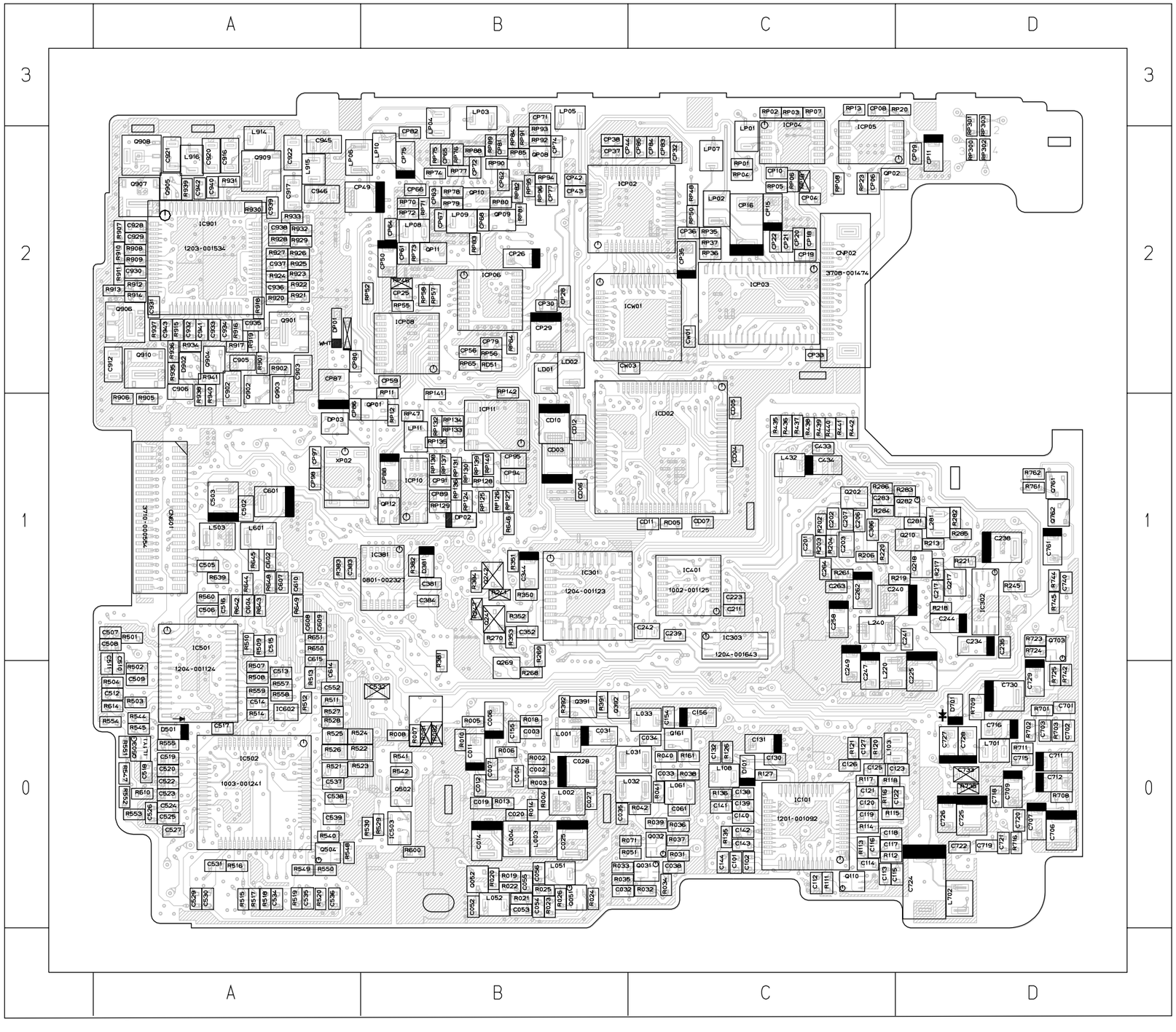
7-4 Main PCB (Hi8) (Conductor Side)



*** RESISTOR ***

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R071 (C0)
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R113 (C0)
R114 (C0)
R115 (C0)
R116 (C0)
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R118 (C0)
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R221 (D1)
R241 (B1)
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R283 (D1)
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R285 (D1)
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R392 (B0)
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RP03 (C3)
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RP06 (C2)
RP07 (C3)
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RP92 (B2)
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RP94 (B2)
RP95 (B2)
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*** CHIP ***

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LD02 (B2)
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LP05 (B3)
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LP07 (C2)
LP08 (B2)
LP09 (B2)
LP10 (B2)
LP11 (B1)

XP02 (A1)

*** CONDENSER ***

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C525 (A0)
C526 (A0)
C527 (A0)
C529 (A0)
C530 (A0)
C531 (A0)
C532 (B0)
C534 (A0)
C535 (A0)
C536 (A0)
C537 (A0)
C538 (A0)
C539 (A0)
C552 (A0)
C601 (A1)
C602 (A1)
C604 (A1)
C607 (A1)
C608 (A1)
C609 (A1)
C610 (A1)
C614 (A0)
C615 (A0)
C701 (D0)
C702 (D0)
C703 (D0)
C706 (D0)
C707 (D0)
C709 (D0)
C711 (D0)
C712 (D0)
C715 (D0)
C716 (D0)
C718 (D0)
C719 (D0)
C720 (D0)
C721 (D0)
C722 (D0)
C724 (D0)
C725 (D0)
C726 (D0)
C727 (D0)
C728 (D0)
C729 (D0)
C730 (D0)
C733 (D0)
C740 (D1)
C761 (D1)
C902 (A2)
C903 (A2)
C905 (A2)
C906 (A2)
C912 (A2)
C916 (A2)
C917 (A2)
C920 (A2)
C921 (A2)
C922 (A2)
C928 (A2)
C929 (A2)
C930 (A2)
C931 (A2)
C932 (A2)
C933 (A2)
C934 (A2)
C935 (A2)
C936 (A2)
C937 (A2)
C938 (A2)
C939 (A2)
C940 (A2)
C941 (A2)
C942 (A2)
C943 (A2)
C945 (A2)
C946 (A2)
CD03 (B1)
CD04 (C1)
CD05 (C1)
CD06 (B1)
CD07 (C1)
CD10 (B1)
CD11 (C1)
CD12 (B1)
CP04 (C2)
CP06 (C2)
CP08 (C3)
CP09 (D2)
CP10 (C2)
CP11 (D2)
CP15 (C2)
CP16 (C2)
CP18 (C2)
CP19 (C2)
CP20 (C2)
CP21 (C2)
CP22 (C2)
CP25 (B2)
CP26 (B2)
CP28 (B2)
CP29 (B2)
CP30 (B2)
CP32 (C2)
CP33 (C2)
CP35 (C2)
CP36 (C2)
CP37 (B2)
CP38 (B2)
CP42 (B2)
CP43 (B2)
CP44 (C2)
CP49 (B2)
CP50 (B2)
CP56 (B2)
CP59 (B2)
CP61 (B2)
CP62 (B2)
CP63 (B2)
CP64 (B2)
CP65 (B2)
CP66 (B2)
CP67 (B2)
CP68 (B2)
CP71 (B3)
CP72 (B2)
CP74 (B2)
CP75 (B2)
CP77 (B2)
CP79 (B2)
CP80 (A2)
CP81 (B2)
CP82 (B2)
CP83 (C2)
CP84 (C2)
CP85 (C2)
CP86 (A1)
CP87 (A2)
CP88 (B1)
CP89 (B1)
CP91 (B1)
CP94 (B1)
CP95 (B1)
CP97 (A1)
CP98 (A1)
CW01 (C2)
CW03 (C2)

*** DIODE ***

D101 (C0)
D381 (B1)
D501 (A0)
D701 (D0)
D902 (A2)
DP01 (A2)
DP02 (B1)
DP03 (A1)

*** TR ***

Q031 (C0)
Q032 (C0)
Q051 (B0)
Q052 (B0)
Q110 (C0)
Q161 (C0)
Q202 (C1)
Q210 (D1)
Q217 (D1)
Q218 (D1)
Q241 (B1)
Q242 (B1)
Q269 (B0)
Q282 (D1)
Q391 (B0)
Q392 (B0)
Q502 (B0)
Q503 (A0)
Q504 (A0)
Q703 (D1)
Q761 (D1)
Q762 (D1)
Q901 (A2)
Q902 (A2)
Q903 (A2)
Q904 (A2)
Q905 (A2)
Q906 (A2)
Q907 (A2)
Q908 (A2)
Q909 (A2)
Q910 (A2)
QP01 (B1)
QP02 (C2)
QP08 (B2)
QP09 (B2)
QP10 (B2)
QP11 (B2)
QP12 (B1)

*** IC&WAFER ***

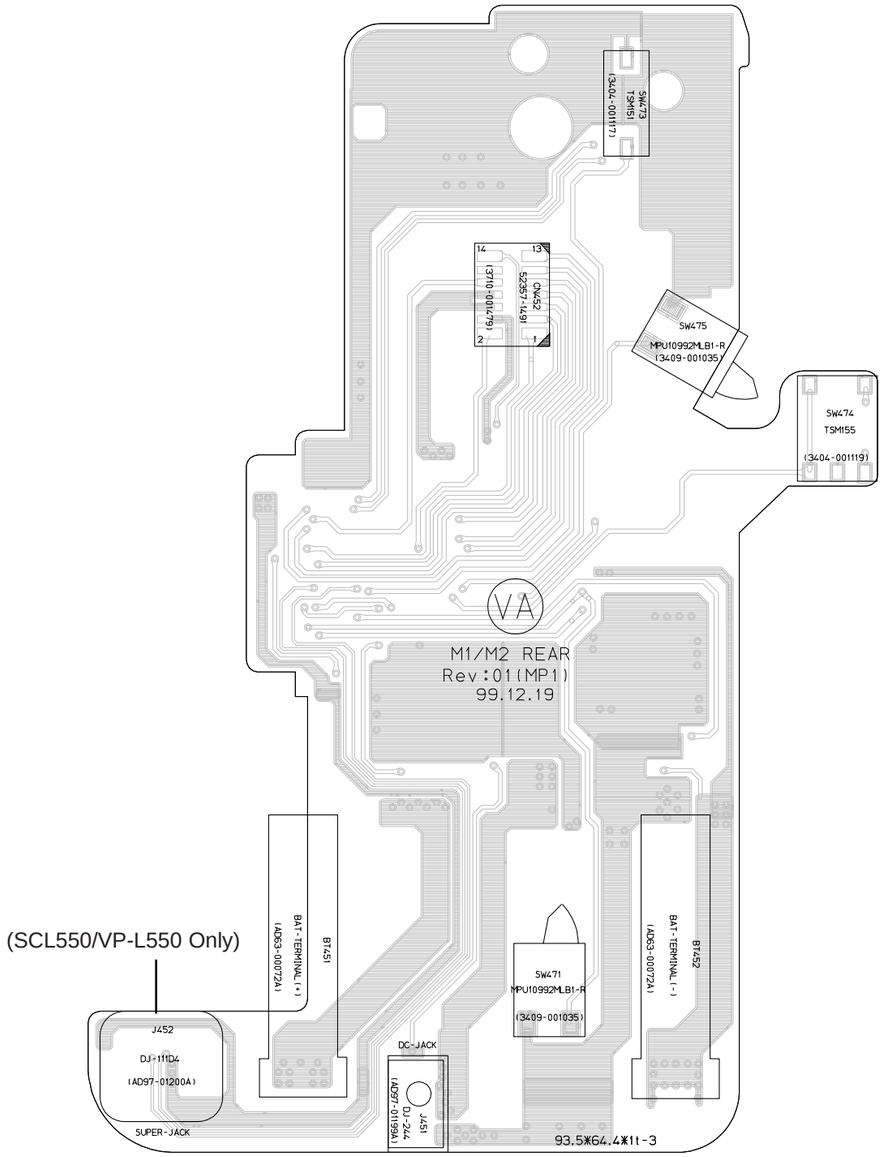
CN601 (A1)
CNP02 (C2)
IC101 (C0)
IC301 (B1)
IC302 (D1)
IC303 (C1)
IC381 (B1)
IC401 (C1)
IC501 (A0)
IC502 (A0)
IC503 (B0)
IC602 (A0)
IC901 (A2)

ICD02 (C1)

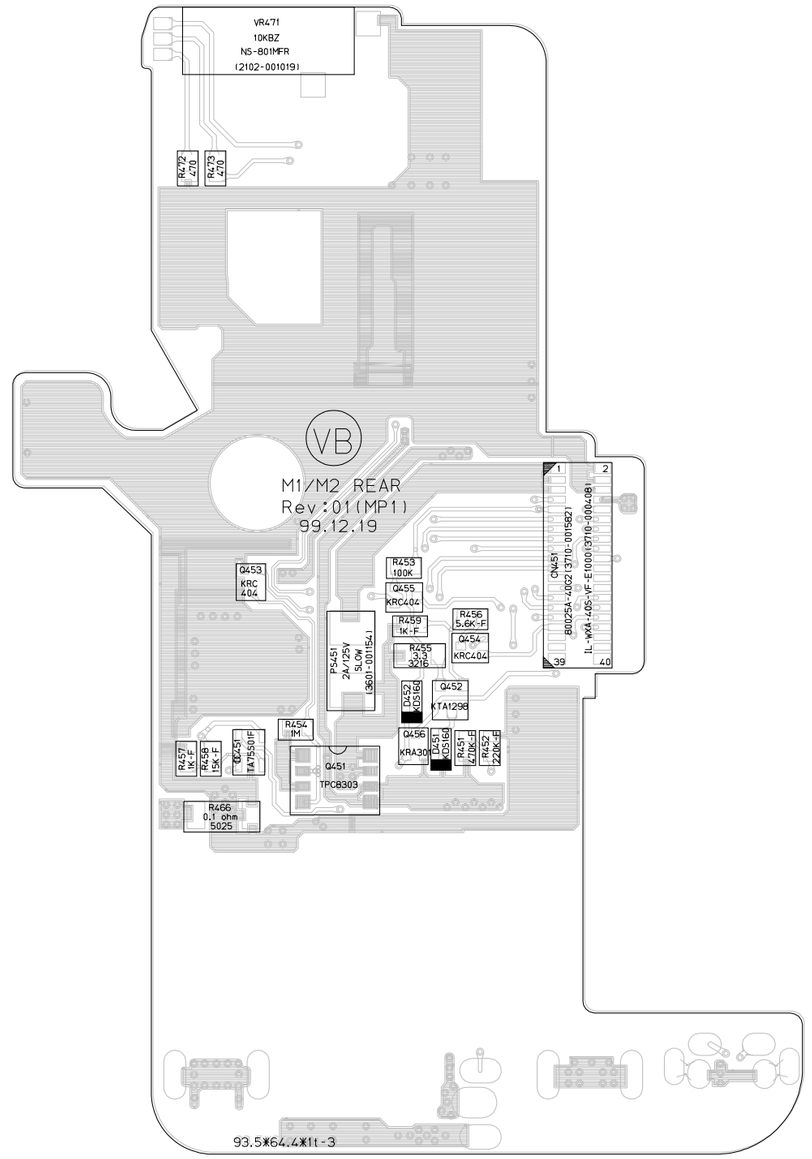
ICP02 (C2)
ICP03 (C2)
ICP04 (C2)
ICP05 (C2)
ICP06 (B2)
ICP08 (B2)
ICP10 (B1)
ICP11 (B1)

ICW01 (C2)

7-5 Rear PCB

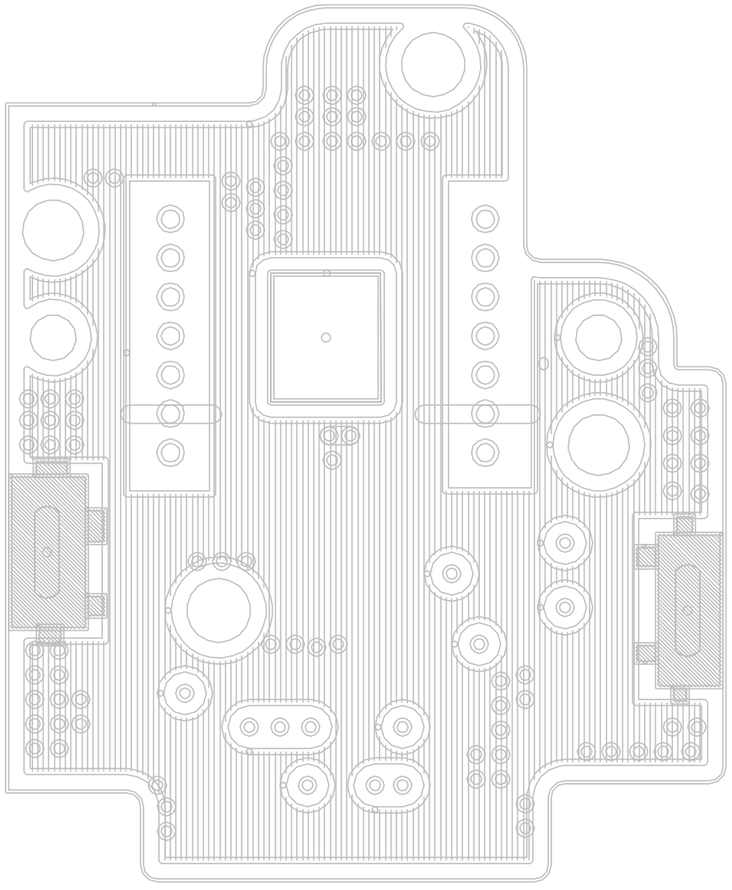


(Component Side)

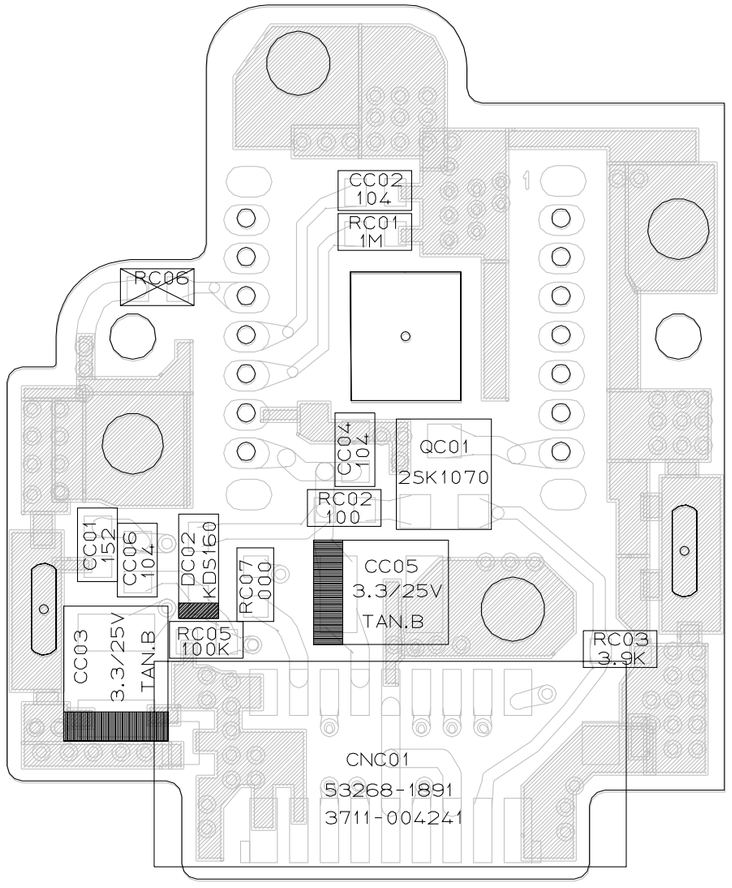


(Conductor Side)

7-6 CCD PCB

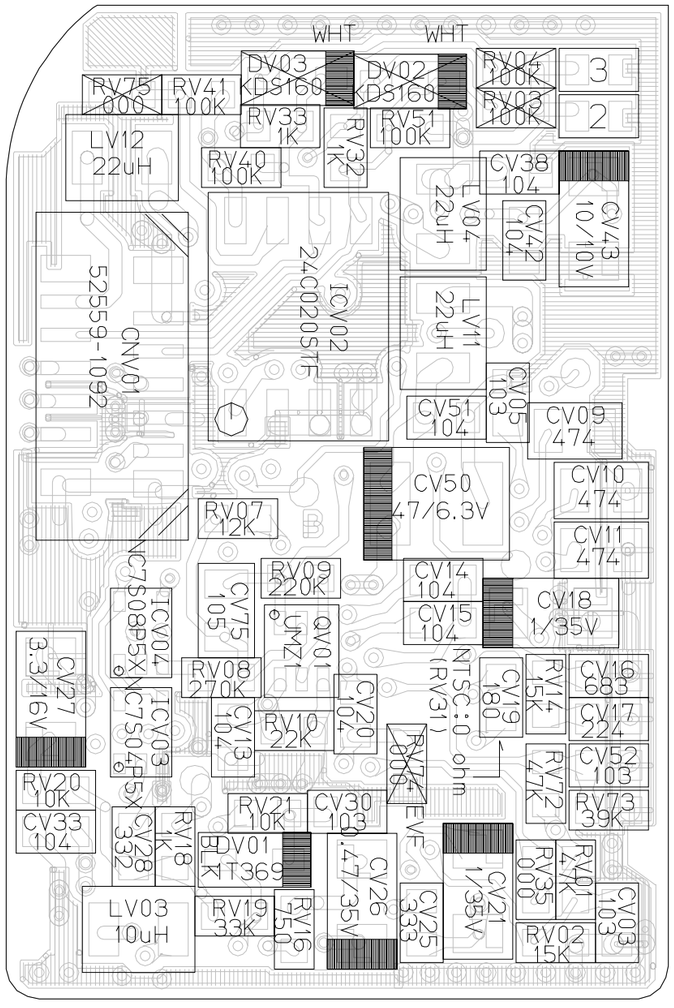


(Component Side)

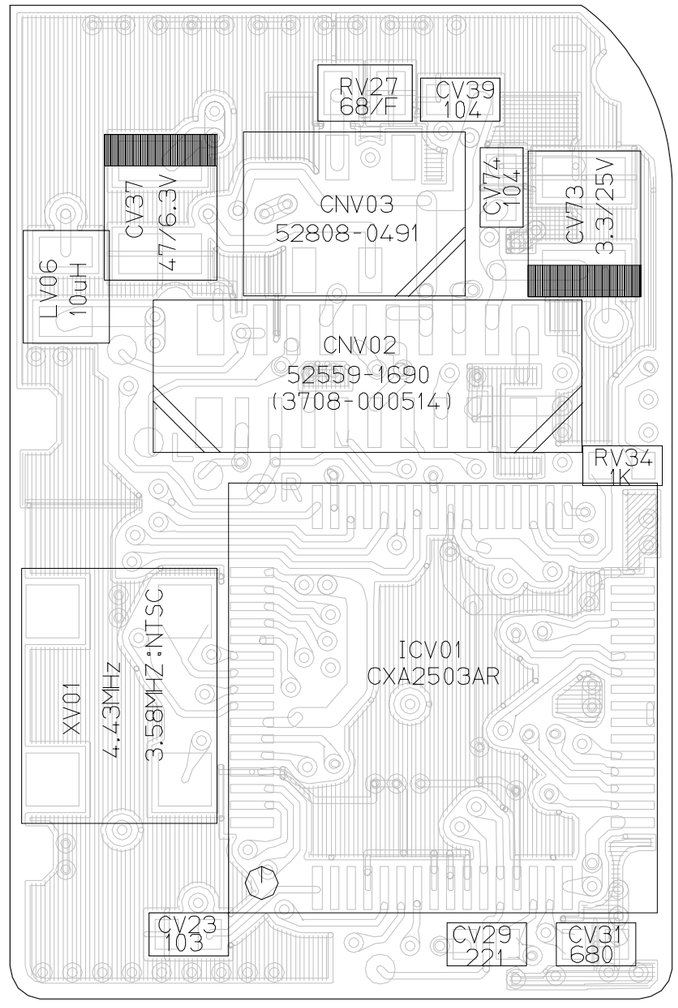


(Conductor Side)

7-7 CVF PCB

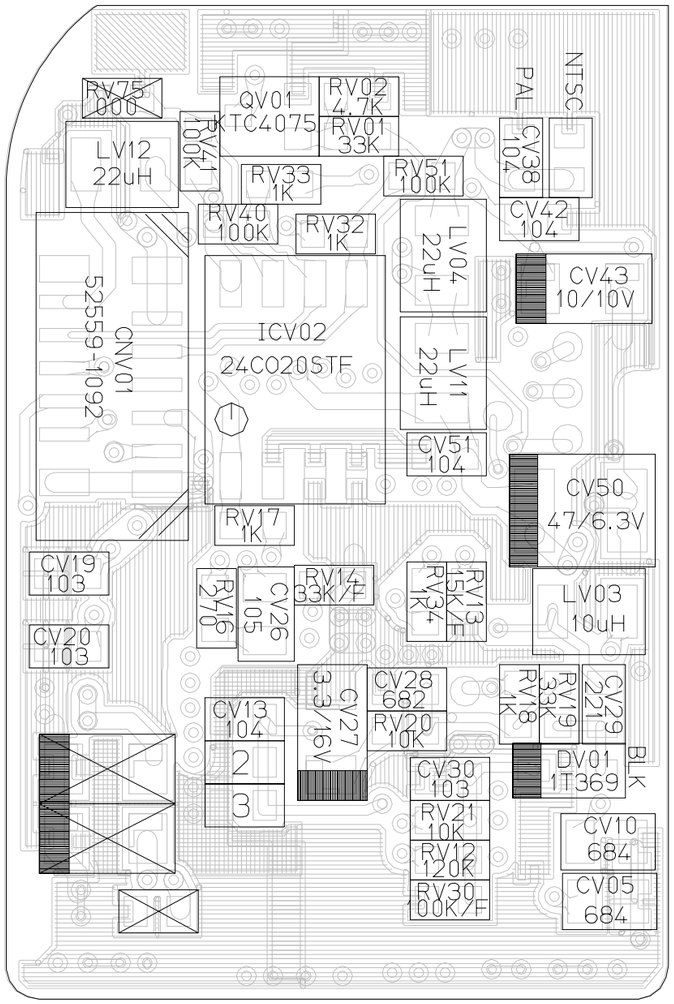


(Component Side)

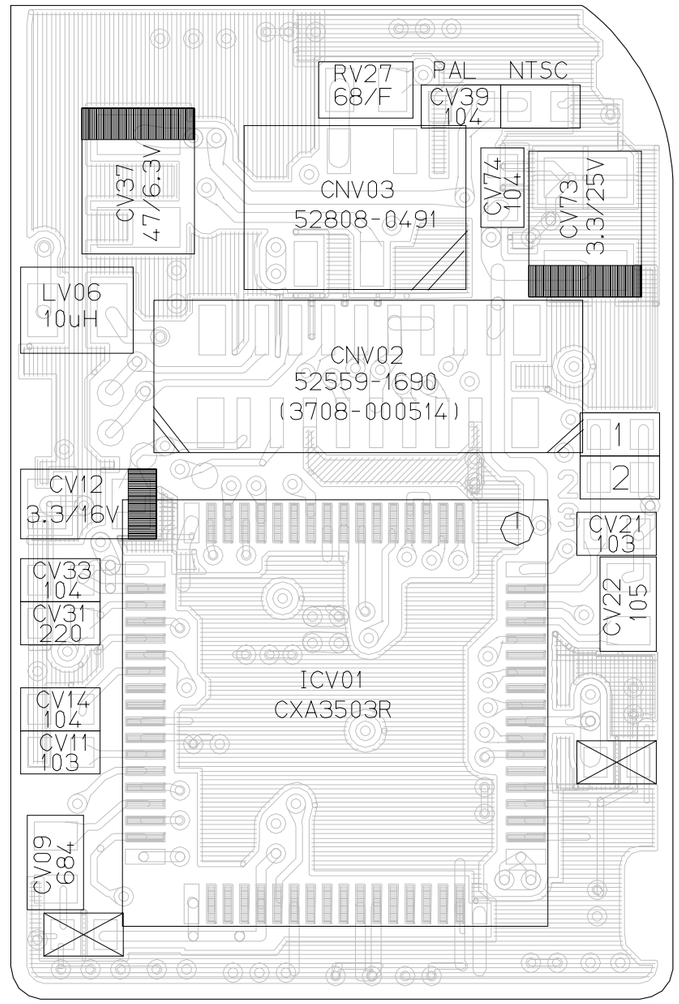


(Conductor Side)

7-8 EVF PCB

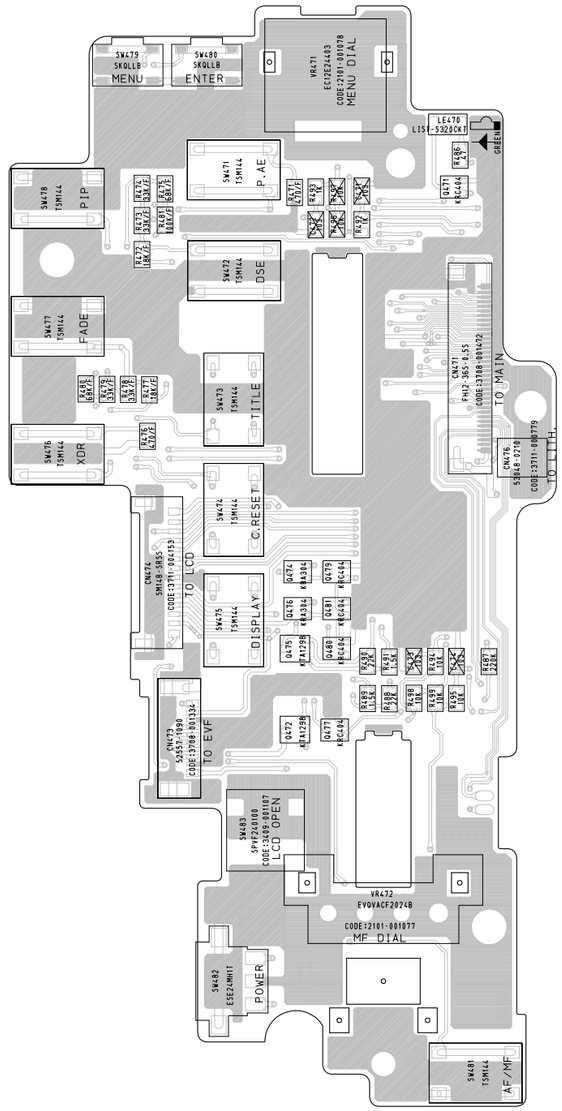


(Component Side)

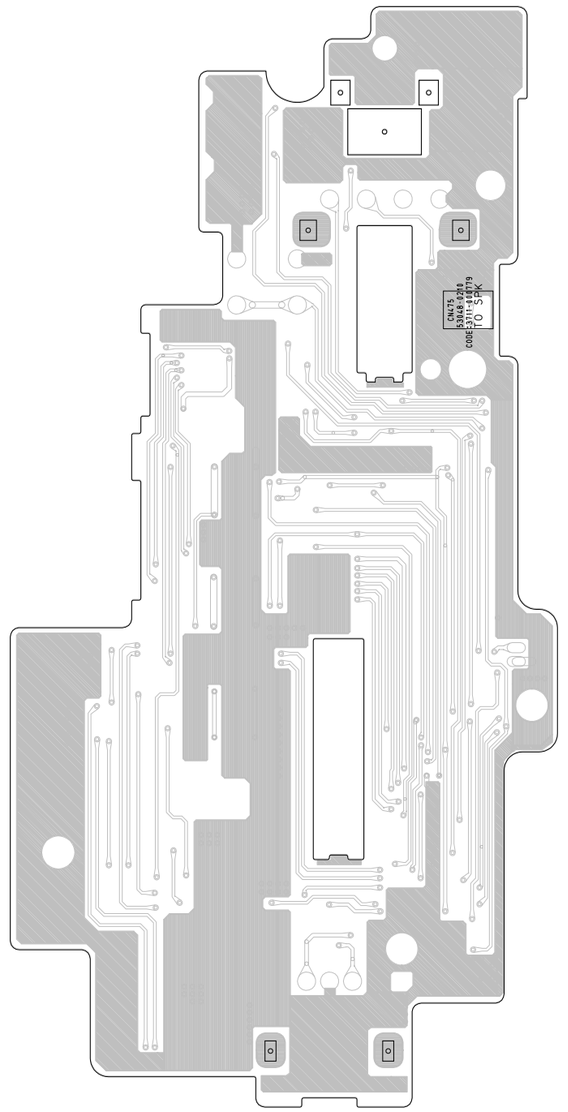


(Conductor Side)

7-9 Function PCB

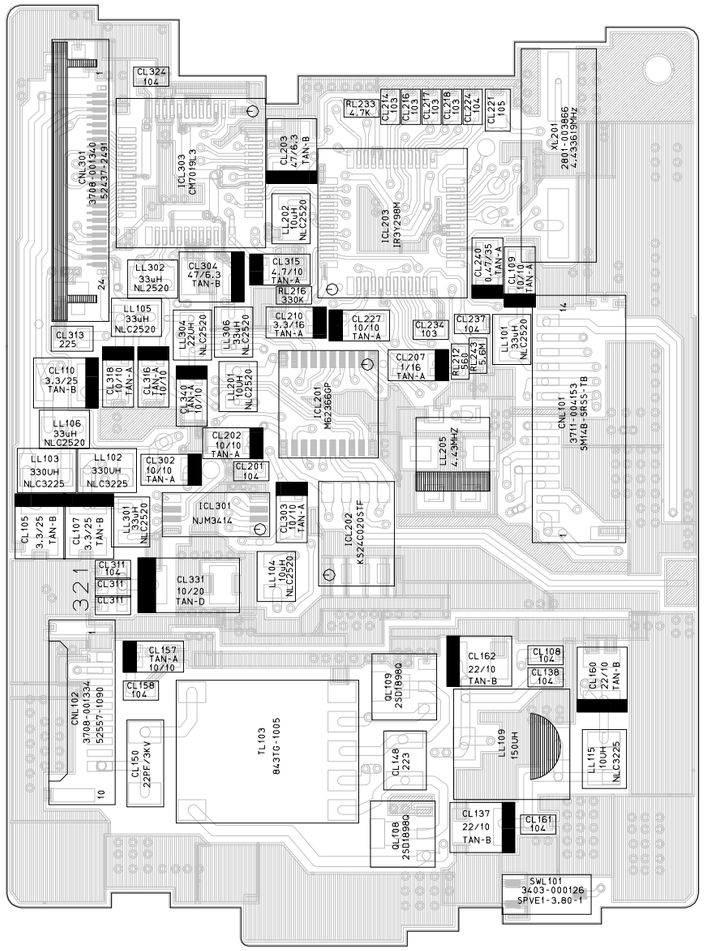


(Component Side)

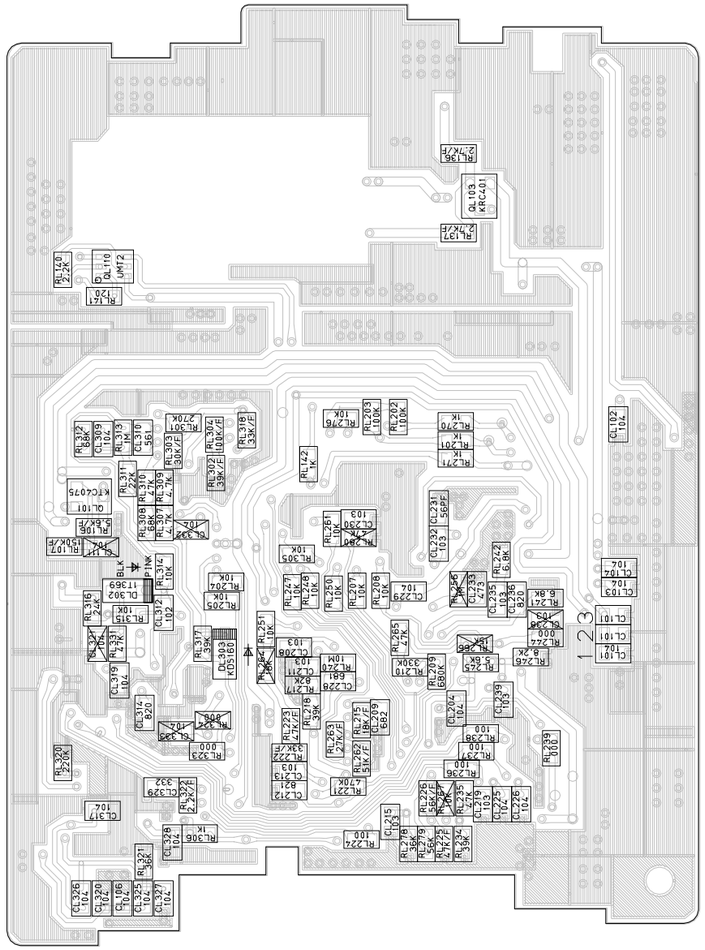


(Conductor Side)

7-10 LCD PCB

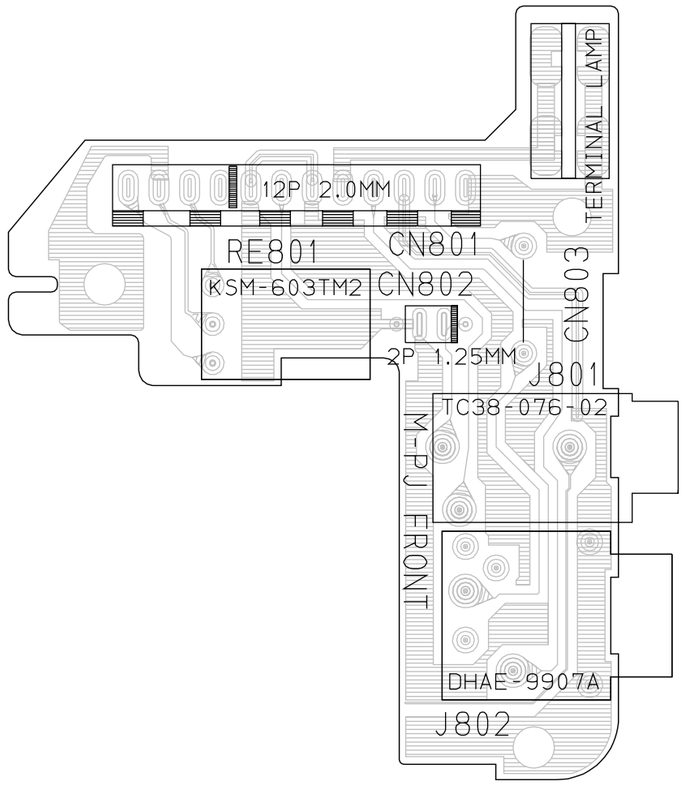


(Component Side)

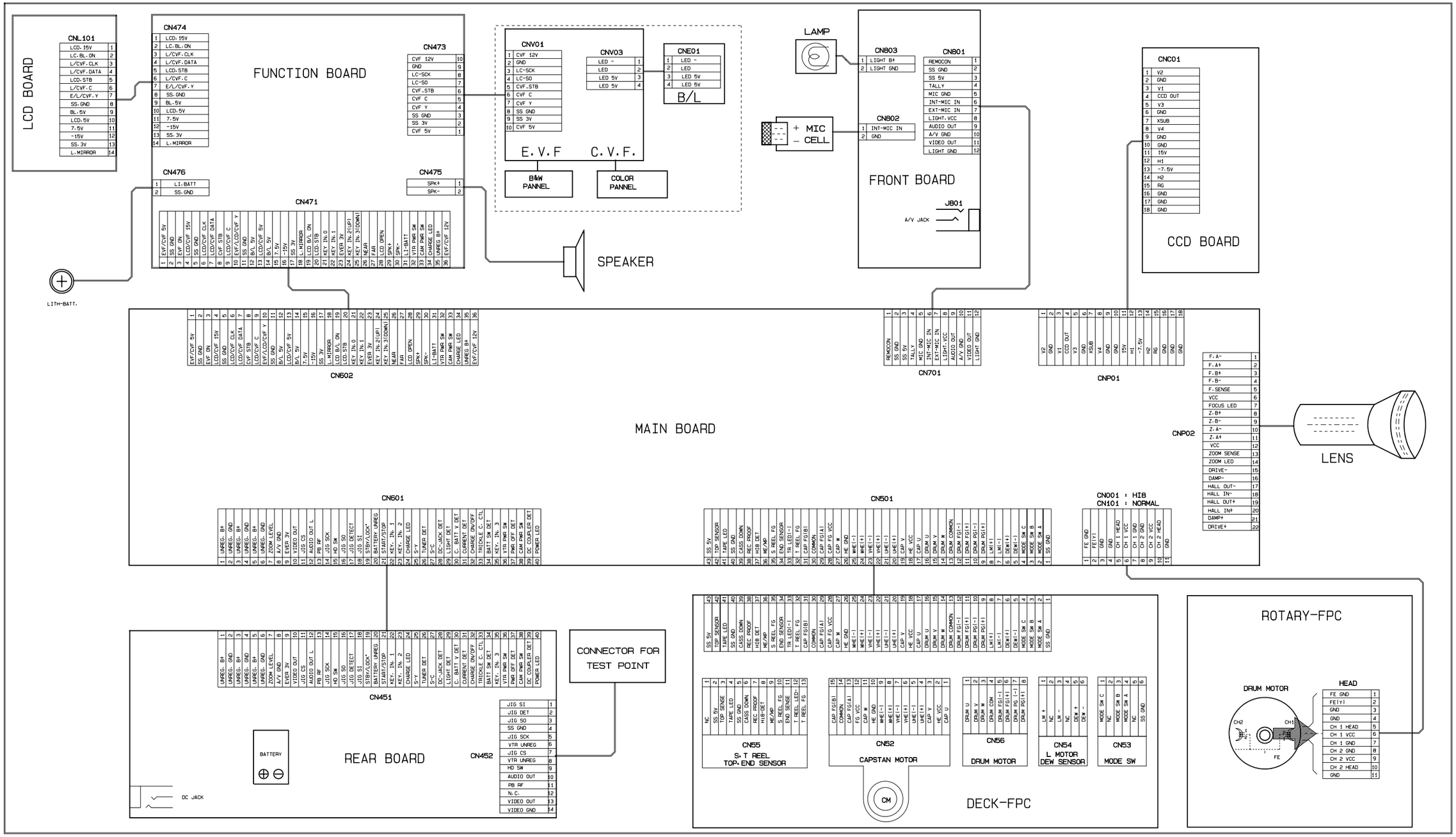


(Conductor Side)

7-11 Front PCB



8. Wiring Diagram



MEMO

9. Schematic Diagrams

OPTION LIST - 9-2

9-1 DC/DC Converter (Main) - - - - - - - - - - - - - - - - - - 9-4

9-2 System Control/Servo (Main) - - - - - - - - - - - - - - - 9-5

9-3 Video (Normal) (Main) - - - - - - - - - - - - - - - - - - - 9-6

9-4 Video (Hi8) (Main) - 9-7

9-5 Audio (Main) - 9-8

9-6 Camera (Main) - 9-9

9-7 Rear - 9-10

9-8 CCD - 9-11

9-9 CVF - 9-12

9-10 Front - 9-13

9-11 Function - 9-14

9-12 EVF - 9-15

9-13 LCD - 9-16

Note

For schematic Diagram
- Resistors are in ohms, 1/8W unless otherwise noted.
- Circled numbers refer to waveforms.

Special note :
Most semiconductor devices are electrostatically sensitive and therefore require the special handling techniques described under the electrostatically sensitive (ES) devices section of this service manual.

Note :
Do not use the part number shown on this drawing for ordering. The correct part number is shown in the parts list (may be slightly different or amended since this drawing was prepared).

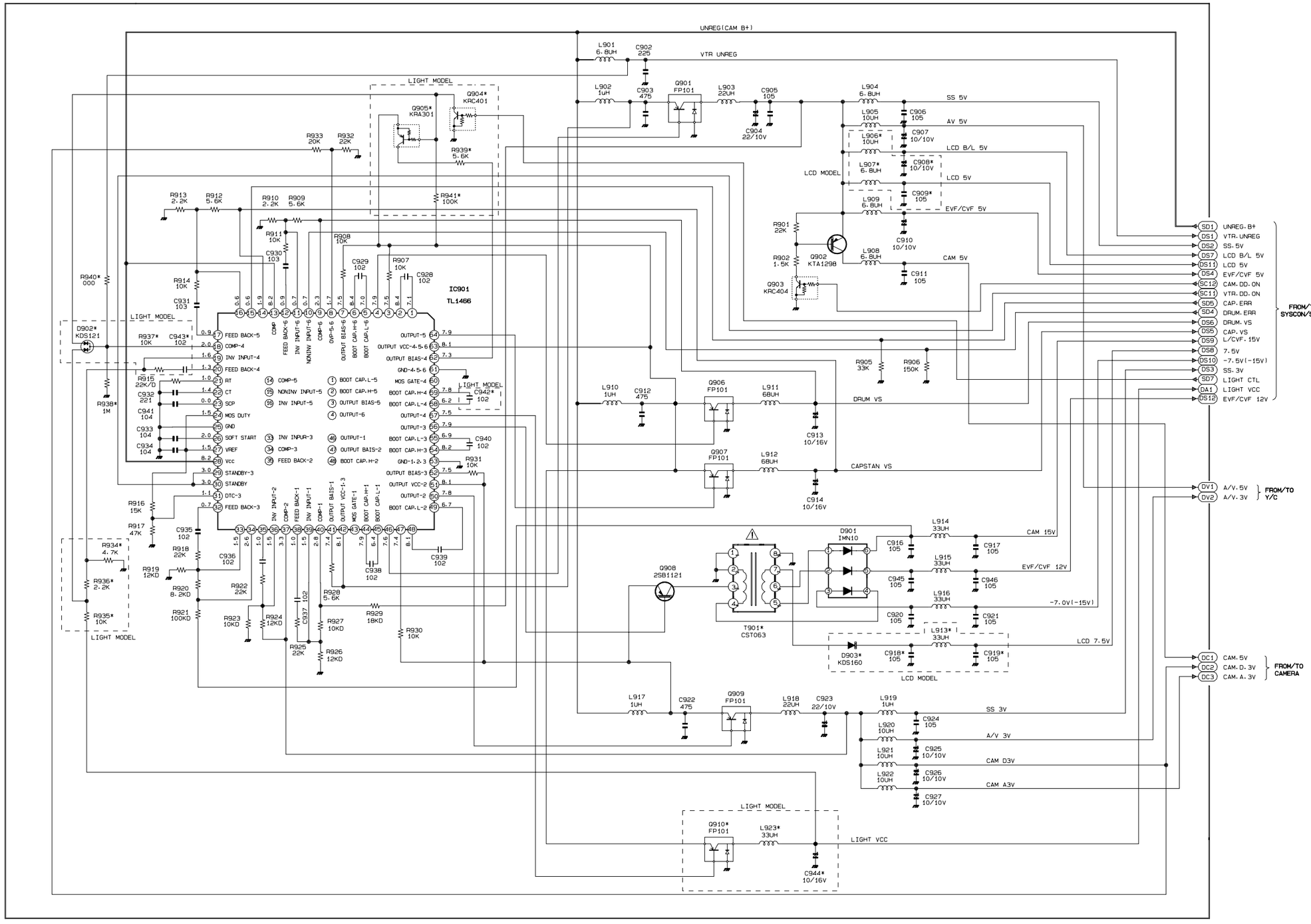
Important safety notices :
Components identified with the mark ⚠ have the special characteristics for safety. When replacing any of these components. Use only the same type.

OPTION LIST

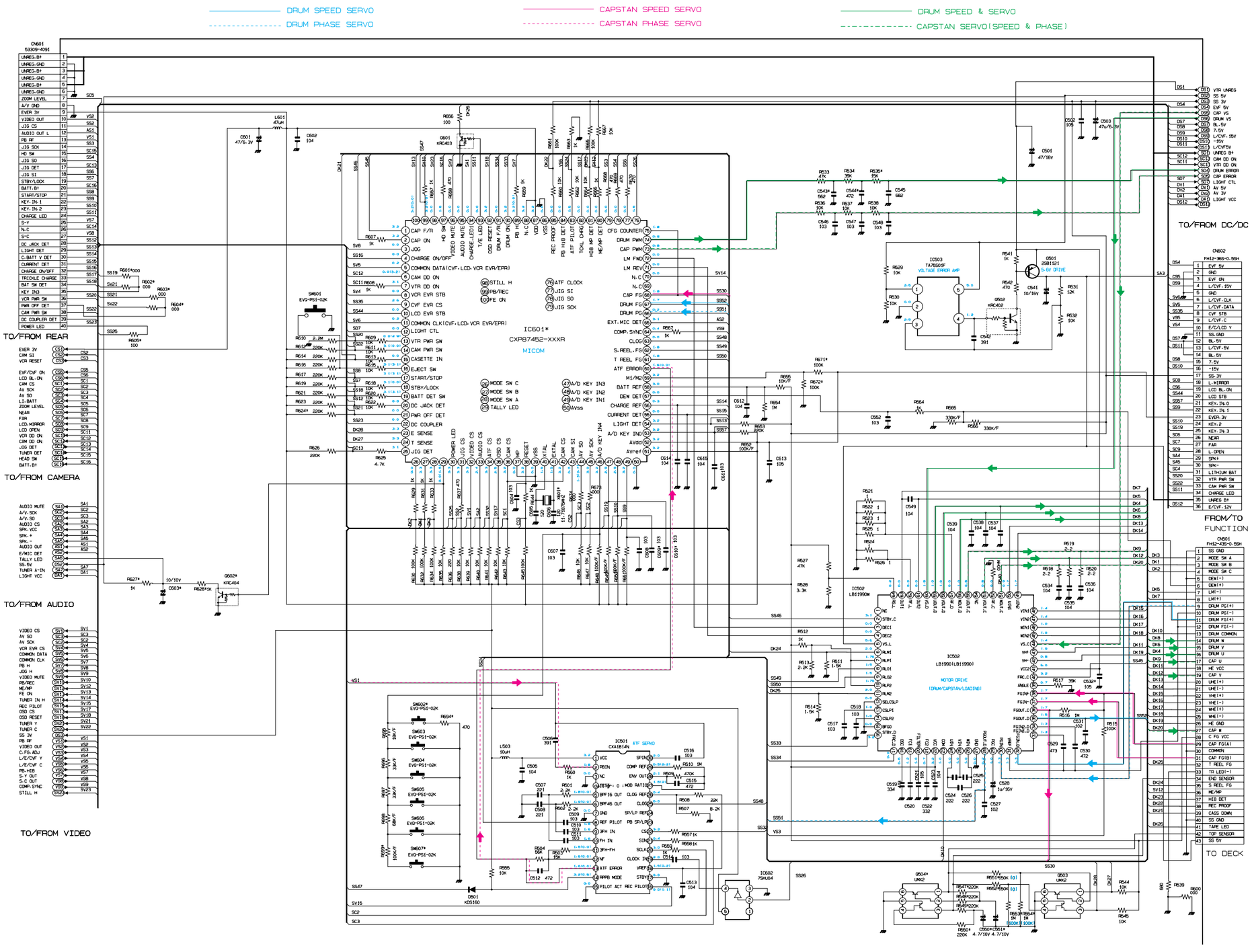
NO	LOC	VALUE(BASIC)	NORMAL SCL500	NORMAL SCL520	NORMAL SCL530	Hi8 SCL550	NORMAL VP-L500	NORMAL VP-L520	NORMAL VP-L530	NORMAL VP-L530B	Hi8 VP-L550	OPTION
1	C156	120,50V,*	O	O	O	-	X	X	X	X	-	NTSC
		150,50V,*	X	X	X	-	O	O	O	O	-	PAL
2	C201	120,50V,*	X	X	X	-	O	O	O	O	-	PAL
		150,50V,*	O	O	O	-	X	X	X	X	-	NTSC
3	C220	103,50V,*	-	-	-	X	-	-	-	-	X	TUNER
4	C223	103,50V,*	X	X	X	-	O	O	O	O	-	PAL
		471,50V,*	O	O	O	-	X	X	X	X	-	NTSC
5	C224	332,50V,*	X	X	X	-	O	O	O	O	-	PAL
		221,50V,*	O	O	O	-	X	X	X	X	-	NTSC
6	C231	120,50V,*	-	-	-	X	-	-	-	-	O	PAL
		150,50V,*	-	-	-	O	-	-	-	-	X	NTSC
7	C233	151,50V,*	O	O	O	-	-	-	-	-	-	NTSC
		820,50V,*	X	X	X	-	O	O	O	O	-	PAL
8	C249	103,50V,*	X	X	X	-	X	X	X	X	-	None
9	C250	103,50V,*	X	X	X	-	X	X	X	X	-	None
10	C251	103,50V,*	X	X	X	-	X	X	X	X	-	None
11	C252	103,50V,*	X	X	X	-	X	X	X	X	-	None
12	C263	103,50V,*	-	-	-	X	-	-	-	-	O	PAL
		221,50V,*	-	-	-	O	-	-	-	-	X	NTSC
13	C264	332,50V,*	-	-	-	-	-	-	-	-	O	PAL
		471,50V,*	-	-	-	O	-	-	-	-	X	NTSC
14	C281	470nF,25V,*	X	X	X	-	X	X	X	X	-	Normal
		680,50V,*	-	-	-	O	-	-	-	-	O	Hi8
15	C282	470nF,25V,*	X	X	X	-	X	X	X	X	-	None
16	C283	121,50V,*	-	-	-	O	-	-	-	-	O	NTSC/PAL
17	C543	472,50V,*	O	O	O	O	X	X	X	X	X	NTSC
		562,50V,*	X	X	X	X	O	O	O	O	O	PAL
18	C544	392,50V,*	O	O	O	O	X	X	X	X	X	NTSC
		472,50V,*	X	X	X	X	O	O	O	O	O	PAL
19	C550	4.7/10V*	O	O	O	O	O	O	O	O	O	BUFFER O
20	C551	4.7/10V*	O	O	O	O	O	O	O	O	O	BUFFER O
21	C603	10/10V,	X	X	X	X	X	X	X	X	X	None
22	C609	102,50V,*	O	O	O	O	O	O	O	O	O	M2
23	C610	102,50V,*	O	O	O	O	O	O	O	O	O	M2
24	C724	10/10V,	O	O	O	O	O	O	O	O	O	LCD-B&W
25	C725	47/6.3V,	O	O	O	O	O	O	O	O	O	LCD-B&W
26	C726	10/10V,	O	O	O	O	O	O	O	O	O	LCD-B&W
27	C727	0.68/25V,	O	O	O	O	O	O	O	O	O	LCD-B&W
28	C733	105,25V,*	X	X	X	X	X	X	X	X	X	None
29	C740	104,25V,*	X	X	X	X	X	X	X	X	X	None
30	C761	10/10V,	X	X	O	O	X	O	O	O	O	REMOCON O
31	C908	10/10V,	O	O	O	O	O	O	O	O	O	LCD-B&W
32	C909	105,25V,*	O	O	O	O	O	O	O	O	O	LCD-B&W
33	C918	105,25V,*	O	O	O	O	O	O	O	O	O	LCD-B&W
34	C919	105,25V,*	O	O	O	O	O	O	O	O	O	LCD-B&W
35	C942	102,50V,*	X	X	X	X	X	X	X	X	X	None
36	C943	102,50V,*	X	X	X	X	X	X	X	X	X	None
37	C944	10/16V,	X	X	X	X	X	X	X	X	X	None
38	CD03	22/10V,	X	X	O	O	X	X	O	O	O	DIS O
39	CD04	104,25V,*	X	X	O	O	X	X	O	O	O	DIS O
40	CD05	104,25V,*	X	X	O	O	X	X	O	O	O	DIS O
41	CD06	104,25V,*	X	X	O	O	X	X	O	O	O	DIS O
42	CD07	104,25V,*	X	X	O	O	X	X	O	O	O	DIS O
43	CD08	104,25V,*	X	X	O	O	X	X	O	O	O	DIS O
44	CD09	104,25V,*	X	X	O	O	X	X	O	O	O	DIS O
45	CD10	22/10V,	X	X	O	O	X	X	O	O	O	DIS O
46	CD11	104,25V,*	X	X	O	O	X	X	O	O	O	DIS O
47	CD12	105,25V,*	X	X	O	O	X	X	O	O	O	DIS O
48	CP64	220,50V,*	O	O	O	O	O	O	O	O	O	NORMAL
49	CP67	180,50V,*	X	X	X	X	O	O	O	O	O	PAL
		270,50V,*	O	O	O	O	X	X	X	X	X	NTSC
50	CP78	103,50V,*	O	O	O	O	O	O	O	O	O	LCD-B&W
51	CW01	104,25V,*	X	X	X	O	X	X	X	X	O	XDR O
52	CW02	10/10V,	X	X	X	O	X	X	X	X	O	XDR O
53	CW03	104,25V,*	X	X	X	O	X	X	X	X	O	XDR O
54	CW04	104,25V,*	X	X	X	O	X	X	X	X	O	XDR O
55	D902	85V,300mA,*	X	X	X	X	X	X	X	X	X	None
56	D903	KDS160,85V,*	O	O	O	O	O	O	O	O	O	LCD-B&W
57	IC281	NJM2249V,NONE,*	X	X	X	X	X	X	X	X	X	None
58	IC401	M35040-064FP,150mW,*	O	O	O	-	O	O	O	O	-	EXP
59	IC431	M35040-064FP,150mW,*	-	-	-	O	-	-	-	-	O	EXP
60	IC601	CXP874P60R-1,100P,*	X	X	X	X	O	O	O	O	O	PAL
		CXP874P60R-1,100P,*	O	O	O	O	X	X	X	X	X	NTSC
61	ICD01	KM416S1120,TSOP,*	X	X	O	O	X	X	O	O	O	DIS O
62	ICD02	KS7333,QFP,*	X	X	O	O	X	X	O	O	O	DIS O
63	ICD03	TC7S08FU,NONE,*	X	X	O	O	X	X	O	O	O	DIS O
64	ICW01	KS7332B,VQFP,*	X	X	X	O	X	X	X	X	O	XDR O
65	L281	10uH,5%,*	-	-	-	O	-	-	-	-	O	NTSC/PAL
66	L351	33uH,10%,*	X	X	X	X	X	X	X	X	X	None
67	L702	100uH,NONE,*	O	O	O	O	O	O	O	O	O	LCD-B&W
68	L906	10uH,10%,*	O	O	O	O	O	O	O	O	O	LCD-B&W
69	L907	6.8UH,NONE,*	O	O	O	O	O	O	O	O	O	LCD-B&W
70	L913	33uH,10%,*	O	O	O	O	O	O	O	O	O	LCD-B&W
71	L923	33UH,NONE,*	X	X	X	X	X	X	X	X	X	None
72	LD01	22uH,NONE,*	X	X	O	O	X	X	O	O	O	DIS O
73	LD02	22uH,10%,*	X	X	O	O	X	X	O	O	O	DIS O
74	Q220	UMX2,50V,*	-	-	-	X	-	-	-	-	X	Hi8
75	Q222	UMX2,50V,*	X	X	X	-	X	X	X	X	-	Normal
76	Q225	2SC4081,200mW,*	-	-	-	X	-	-	-	-	X	Hi8
77	Q241	KTA2014,100mW,*	-	-	-	X	-	-	-	-	X	Hi8
78	Q242	KRC404,100mW,*	-	-	-	X	-	-	-	-	X	Hi8
79	Q269	2SC4081,200mW,*	-	-	-	X	-	-	-	-	X	Hi8
80	Q283	2SC4081,200mW,*	X	X	X	-	X	X	X	X	-	Normal
81	Q353	KTA2014,100mW,*	X	X	X	-	X	X	X	X	-	Normal
82	Q354	KRC404,100mW,*	X	X	X	-	X	X	X	X	-	Normal
83	Q504	UMX2,50V,*	O	O	O	O	O	O	O	O	O	BUFFER O
84	Q602	KRC404,100mW,*	X	X	X	X	X	X	X	X	X	None
85	Q701	KTA1298,PNP,*	O	O	O	O	O	O	O	O	O	LCD-B&W
86	Q702	KRC402,100MW,*	X	X	X	O	O	O	O	O	O	LCD-B&W
87	Q761	100mW,47K/47Kohm,*	X	X	O	O	X	O	O	O	O	REMOCON O
88	Q762	2SC4081,200mW,*	X	X	O	O	X	O	O	O	O	REMOCON O
89	Q904	100mW,4.7K,*	X	X	X	X	X	X	X	X	X	None
90	Q905	100mW,4.7K,*	X	X	X	X	X	X	X	X	X	None
91	Q910	FP101,1.3W,*	X	X	X	X	X	X	X	X	X	None
92	QP07	2SB970R,200mW,*	O	O	O	O	O	O	O	O	O	LCD-B&W
93	R024	680,(1/16W),*	-	-	-	-	-	-	-	-	O	PAL
		3.3K,(1/16W),*	-	-	-	O	-	-	-	-	-	NTSC
94	R159	1.2K,(1/16W),*	O	O	O	-	X	X	X	X	-	NTSC
		750(1/16W),*	X	X	X	-	O	O	O	O	-	PAL
95	R162	330,(1/16W),*	X	X	X	-	O	O	O	O	-	PAL
		470,(1/16W),*	O	O	O	-	X	X	X	X	-	NTSC
96	R163	330,(1/16W),*	O	O	O	-	O	O	O	O	-	NTSC/PAL
97	R206	560,(1/16W),*	O	O	O	-	X	X	X	X	-	NTSC
		680,(1/16W),*	X	X	X	-	O	O	O	O	-	PAL
98	R211	3.3K,(1/16W),*	O	O	O	-	X	X	X	X	-	NTSC
		2.2K,(1/16W),*	X	X	X	-	O	O	O	O	-	PAL
99	R216	000,(1/16W),*	-	-	-	X	-	-	-	-	X	Hi8
100	R223	3.3K,(1/16W),*	-	-	-	X	-	-	-	-	X	Hi8
101	R225	15K,(1/16W),*	-	-	-	X	-	-	-	-	X	HI8
102	R226	10K,(1/16W),*	-	-	-	X	-	-	-	-	X	HI8
103	R230	1K,(1/16W),*	X	X	X	-	X	X	X	X	-	Normal
104	R231	1.5K,(1/16W),*	X	X	X	-	X	X	X	X	-	Normal

			NORMAL			Hi8	NORMAL				Hi8	
NO	LOC	VALUE(BASIC)	SCL500	SCL520	SCL530	SCL550	VP-L500	VP-L520	VP-L530	VP-L530B	VP-L550	OPTION
105	R232	2.2K,(1/16W),*	X	X	X	-	X	X	X	X	-	Normal
106	R233	1.5K,(1/16W),*	X	X	X	-	X	X	X	X	-	Normal
107	R234	1K,(1/16W),*	X	X	X	-	X	X	X	X	-	Normal
108	R235	000,(1/16W),*	X	X	X	-	X	X	X	X	-	Normal
109	R241	1K,(1/16W),*	-	-	-	X	-	-	-	-	X	HI8
110	R247	4.7K,(1/16W),*	-	-	-	X	-	-	-	-	X	HI8
111	R261	2.2K,(1/16W),*	-	-	-	X	-	-	-	-	O	PAL
		3.3K,(1/16W),*	-	-	-	O	-	-	-	-	X	NTSC
112	R268	5.6K,(1/16W),*	-	-	-	X	-	-	-	-	O	HI8
113	R269	10K,(1/16W),*	-	-	-	X	-	-	-	-	X	HI8
114	R270	470,(1/16W),*	-	-	-	X	-	-	-	-	X	HI8
115	R281	22K,(1/16W),*	X	X	X	-	X	X	X	X	-	Normal
116	R282	18K,(1/16W),*	X	X	X	-	X	X	X	X	-	Normal
117	R283	560,(1/16W),*	-	-	-	O	-	-	-	-	X	NTSC/PAL
118	R284	2.2K,(1/16W),*	-	-	-	O	-	-	-	-	O	NTSC/PAL
119	R292	1K,(1/16W),*	X	X	X	-	O	O	O	O	-	PAL
		820,(1/16W),*	O	O	O	-	X	X	X	X	-	NTSC
120	R297	2.2K,(1/16W),*	X	X	X	-	X	X	X	X	-	Normal
121	R353	4.7K,(1/16W),*	X	X	X	-	X	X	X	X	-	Normal
122	R354	1K,(1/16W),*	X	X	X	-	X	X	X	X	-	Normal
123	R535	10K,(1/16W),*	O	O	O	O	X	X	X	X	X	NTSC
		15K,(1/16W),*	X	X	X	X	O	O	O	O	O	PAL
124	R547	220K,(1/16W),*	O	O	O	O	O	O	O	O	O	BUFFER O
125	R548	220K,(1/16W),*	O	O	O	O	O	O	O	O	O	BUFFER O
126	R549	220K,(1/16W),*	O	O	O	O	O	O	O	O	O	BUFFER O
127	R550	220K,(1/16W),*	O	O	O	O	O	O	O	O	O	BUFFER O
128	R551	150K,(1/16W),*	O	O	O	O	O	O	O	O	O	BUFFER O
129	R552	150K,(1/16W),*	O	O	O	O	O	O	O	O	O	BUFFER O
130	R553	1M,(1/16W),*	O	O	O	O	O	O	O	O	O	BUFFER O
131	R554	1M,(1/16W),*	O	O	O	O	O	O	O	O	O	BUFFER O
132	R601	000,(1/16W),*	X	X	X	X	X	X	X	X	X	None
133	R602	000,(1/16W),*	X	X	X	X	X	X	X	X	X	None
134	R603	000,(1/16W),*	X	X	X	X	X	X	X	X	X	None
135	R604	000,(1/16W),*	X	X	X	X	X	X	X	X	X	None
136	R605	100,(1/16W),*	X	X	X	X	X	X	X	X	X	None
137	R606	000,(1/16W),*	X	X	X	X	X	X	X	X	X	None
138	R624	220K,(1/16W),*	X	X	X	X	X	X	X	X	X	None
139	R627	1K,(1/16W),*	X	X	X	X	X	X	X	X	X	None
140	R628	1K,(1/16W),*	X	X	X	X	X	X	X	X	X	None
141	R649	1M,(1/16W),*	O	O	O	O	O	O	O	O	O	M2
142	R650	1M,(1/16W),*	O	O	O	O	O	O	O	O	O	M2
143	R671	100K,(1/16W),*	X	X	X	X	X	X	X	X	X	None
144	R672	100K,(1/16W),*	O	O	O	O	O	O	O	O	O	M2
145	R694	470,(1/16W),*	X	X	X	X	X	X	X	X	X	None
146	R699	100K/F,(1/16W),*	X	X	X	X	X	X	X	X	X	None
147	R717	470,(1/16W),*	O	O	O	O	O	O	O	O	O	LCD-B&W
148	R718	1K,(1/16W),*	O	O	O	O	O	O	O	O	O	LCD-B&W
149	R726	4.7K,(1/16W),*	O	O	O	O	O	O	O	O	O	LCD-B&W
150	R735	1K,(1/16W),*	X	X	X	O	X	X	X	X	O	LCD-B&W
151	R744	10K,(1/16W),*	X	X	X	X	X	X	X	X	X	None
152	R745	10K,(1/16W),*	X	X	X	X	X	X	X	X	X	None
153	R761	10K,(1/16W),*	X	X	O	O	X	O	O	O	O	REMOCON O
154	R762	15K,(1/16W),*	X	X	O	O	X	O	O	O	O	REMOCON O
155	R763	47,(1/16W),*	X	X	O	O	X	O	O	O	O	REMOCON O
156	R906	100K,(1/16W),*	O	O	O	-	-	-	-	-	-	NTSC
		150K,(1/16W),*	-	-	-	-	O	O	O	O	-	PAL
157	R934	4.7K,(1/16W),*	X	X	X	X	X	X	X	X	X	None
158	R935	10K,(1/16W),*	X	X	X	X	X	X	X	X	X	None
159	R936	2.2K,(1/16W),*	X	X	X	X	X	X	X	X	X	None
160	R937	10K,(1/16W),*	X	X	X	X	X	X	X	X	X	None
161	R938	1M,(1/16W),*	X	X	X	X	X	X	X	X	X	None
162	R939	5.6K,(1/16W),*	X	X	X	X	X	X	X	X	X	None
163	R940	000,(1/16W),*	X	X	X	X	X	X	X	X	X	None
164	R941	100K,(1/16W),*	X	X	X	X	X	X	X	X	X	None
165	RD05	000,(1/16W),*	X	X	O	O	X	X	O	O	O	DIS O
166	RD51	10,1/16W,*	X	X	O	O	X	X	O	O	O	DIS O
167	RP100	000,(1/16W),*	X	X	X	O	X	X	X	X	O	B&W
168	RP101	000,(1/16W),*	O	O	O	X	O	O	O	O	X	XDR X
169	RP102	000,(1/16W),*	O	O	O	X	O	O	O	O	X	XDR X
170	RP103	000,(1/16W),*	O	O	O	X	O	O	O	O	X	XDR X
171	RP104	000,(1/16W),*	O	O	O	X	O	O	O	O	X	XDR X
172	RP105	000,(1/16W),*	O	O	O	X	O	O	O	O	X	XDR X
173	RP106	000,(1/16W),*	O	O	O	X	O	O	O	O	X	XDR X
174	RP107	000,(1/16W),*	O	O	O	X	O	O	O	O	X	XDR X
175	RP108	000,(1/16W),*	O	O	O	X	O	O	O	O	X	XDR X
176	RP109	000,(1/16W),*	O	O	O	X	O	O	O	O	X	XDR X
177	RP110	000,(1/16W),*	O	O	O	X	O	O	O	O	X	XDR X
178	RP111	000,(1/16W),*	O	O	X	X	O	O	X	X	X	DIS X
179	RP112	000,(1/16W),*	O	O	X	X	O	O	X	X	X	DIS X
180	RP113	000,(1/16W),*	O	O	X	X	O	O	X	X	X	DIS X
181	RP114	000,(1/16W),*	O	O	X	X	O	O	X	X	X	DIS X
182	RP115	000,(1/16W),*	O	O	X	X	O	O	X	X	X	DIS X
183	RP116	000,(1/16W),*	O	O	X	X	O	O	X	X	X	DIS X
184	RP117	000,(1/16W),*	O	O	X	X	O	O	X	X	X	DIS X
185	RP118	000,(1/16W),*	O	O	X	X	O	O	X	X	X	DIS X
186	RP119	000,(1/16W),*	O	O	X	X	O	O	X	X	X	DIS X
187	RP120	000,(1/16W),*	O	O	X	X	O	O	X	X	X	DIS X
188	RP130	100K,(1/16W),*	O	O	O	O	O	O	O	O	O	LCD-B&W
189	RP131	100K,(1/16W),*	O	O	O	O	O	O	O	O	O	LCD-B&W
190	RP141	100K,(1/16W),*	X	X	O	O	X	X	O	O	O	DIS O
191	RP142	1K,(1/16W),*	O	O	X	X	O	O	X	X	X	DIS X
192	RP300	000,(1/16W),*	O	O	O	O	O	O	O	O	O	M2
193	RP301	000,(1/16W),*	O	O	O	O	O	O	O	O	O	M2
194	RP302	000,(1/16W),*	O	O	O	O	O	O	O	O	O	M2
195	RP303	000,(1/16W),*	O	O	O	O	O	O	O	O	O	M2
196	RP304	000,(1/16W),*	O	O	O	X	O	O	O	O	-	M2
197	RP66	100K,(1/16W),*	X	X	X	X	O	O	O	O	O	PAL
198	RP67	100K,(1/16W),*	X	X	X	O	X	X	X	X	O	HI8
199	RP68	1K,(1/16W),*	O	O	O	O	X	X	X	X	X	NTSC
200	RP69	1K,(1/16W),*	O	O	O	X	O	O	O	O	X	NORMAL
201	RP98	12K,(1/16W),*	O	O	O	O	O	O	O	O	O	LCD-B&W
202	RP99	12K,(1/16W),*	O	O	O	O	O	O	O	O	O	LCD-B&W
203	RW01	4.3,(1/10W),*	X	X	X	O	X	X	X	X	O	XDR O
204	SW601	SWITCH-TACT,12V,*	O	O	O	X	O	O	O	O	X	M2
205	SW602	SWITCH-TACT,12V,*	X	X	X	X	X	X	X	X	X	None
206	SW603	SWITCH-TACT,12V,*	O	O	O	X	O	O	O	O	X	M2
207	SW604	SWITCH-TACT,12V,*	O	O	O	X	O	O	O	O	X	M2
208	SW605	SWITCH-TACT,12V,*	O	O	O	X	O	O	O	O	X	M2
209	SW606	SWITCH-TACT,12V,*	O	O	O	X	O	O	O	O	X	M2
210	SW607	SWITCH-TACT,12V,*	X	X	X	X	X	X	X	X	X	None
211	T901	TRANS,CST063(M1),*	O	O	O	O	O	O	O	O	O	LCD-B&W
212	X601	11.71875MHZ,NONE,*	X	X	X	X	O	O	O	O	O	PAL
		11.895104MHZ,NONE,*	O	O	O	O	X	X	X	X	X	NTSC
213	XP01	28.375MHZ,NONE,*	X	X	X	X	O	O	O	O	O	PAL
		28.63636MHZ,NONE,*	O	O	O	O	X	X	X	X	X	NTSC

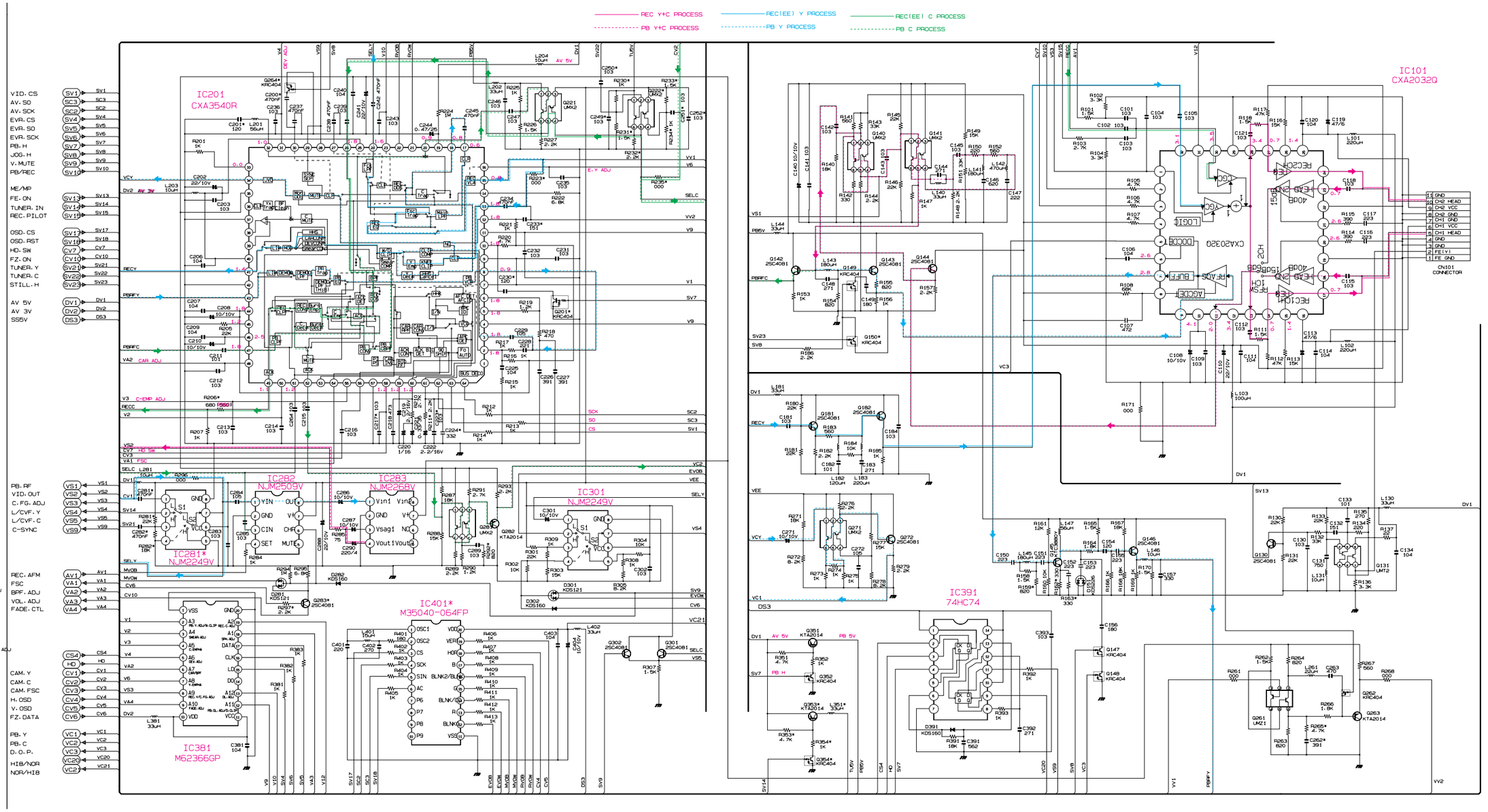
9-1 DC/DC Converter (Main)



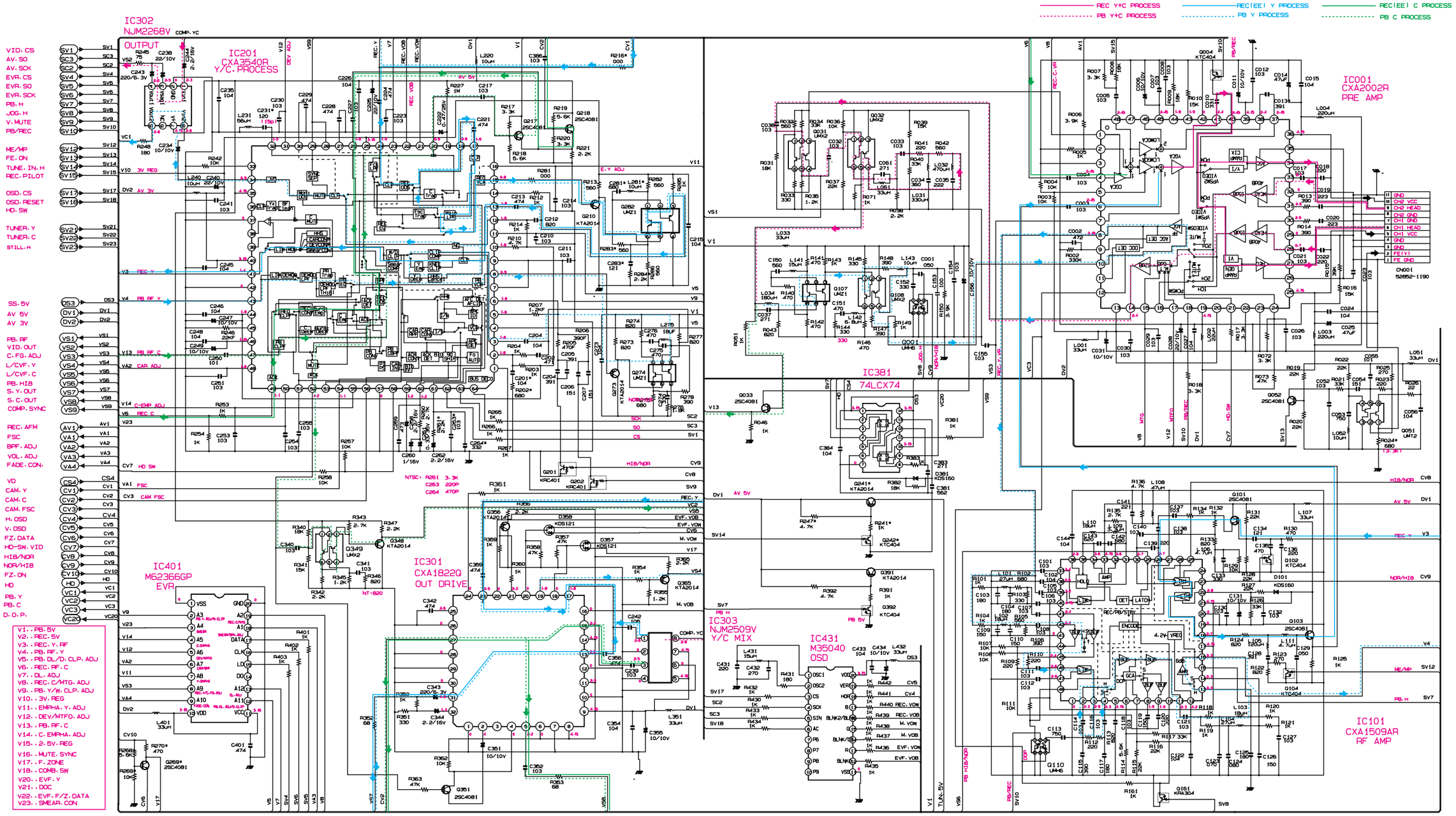
9-2 System Control/Servo (Main)



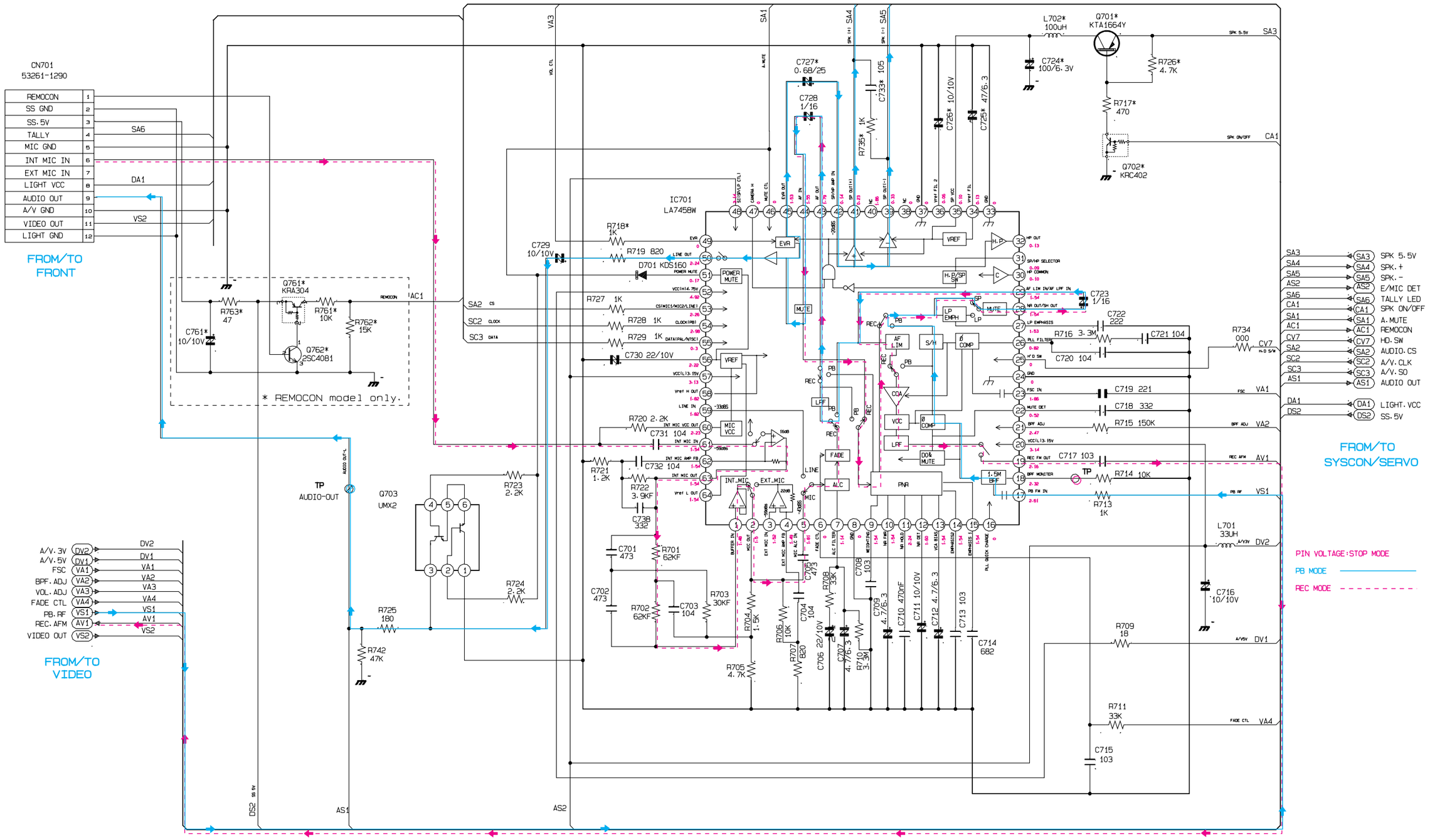
9-3 Video (Normal) (Main)



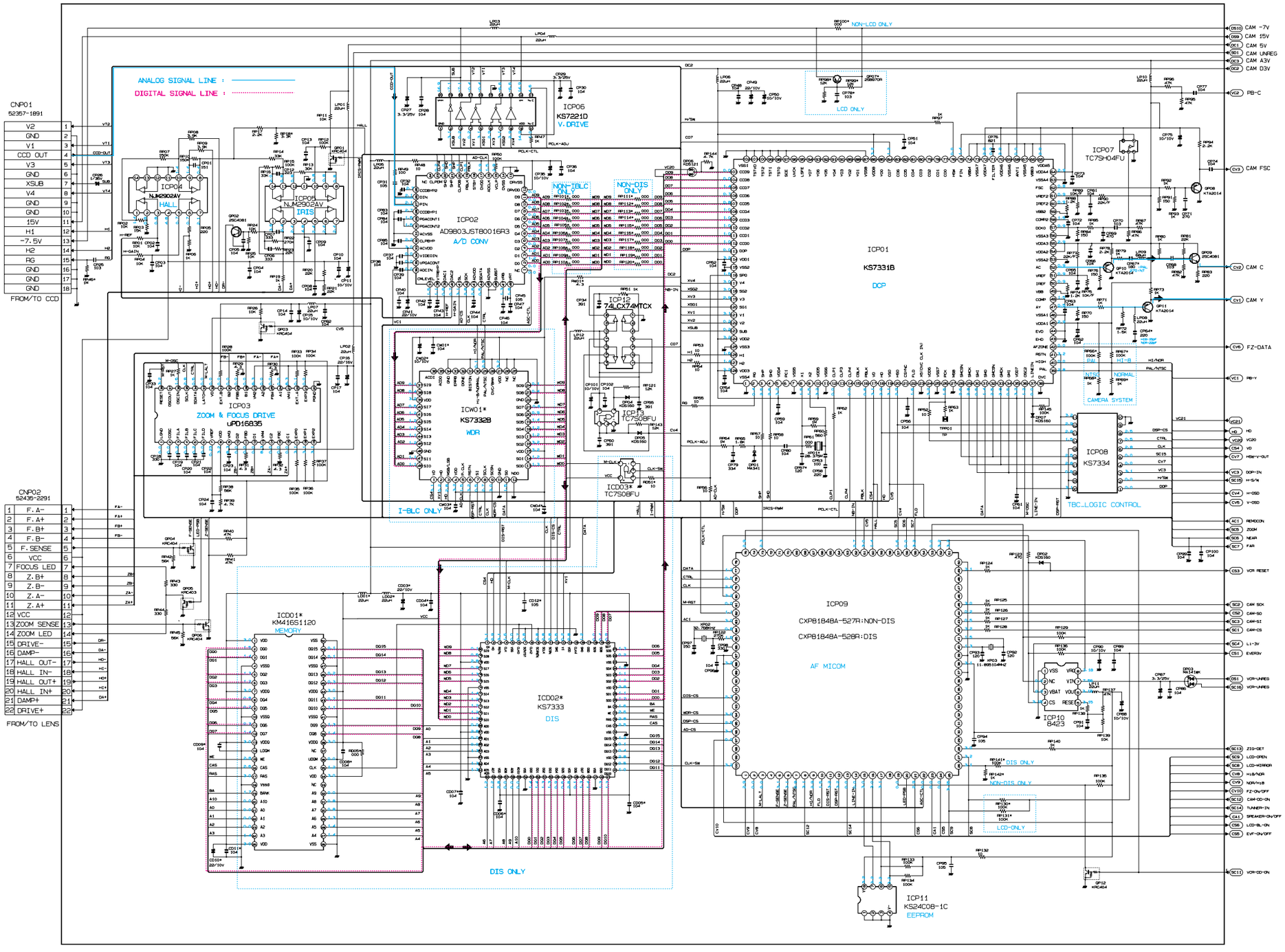
9-4 Video (Hi8) (Main)



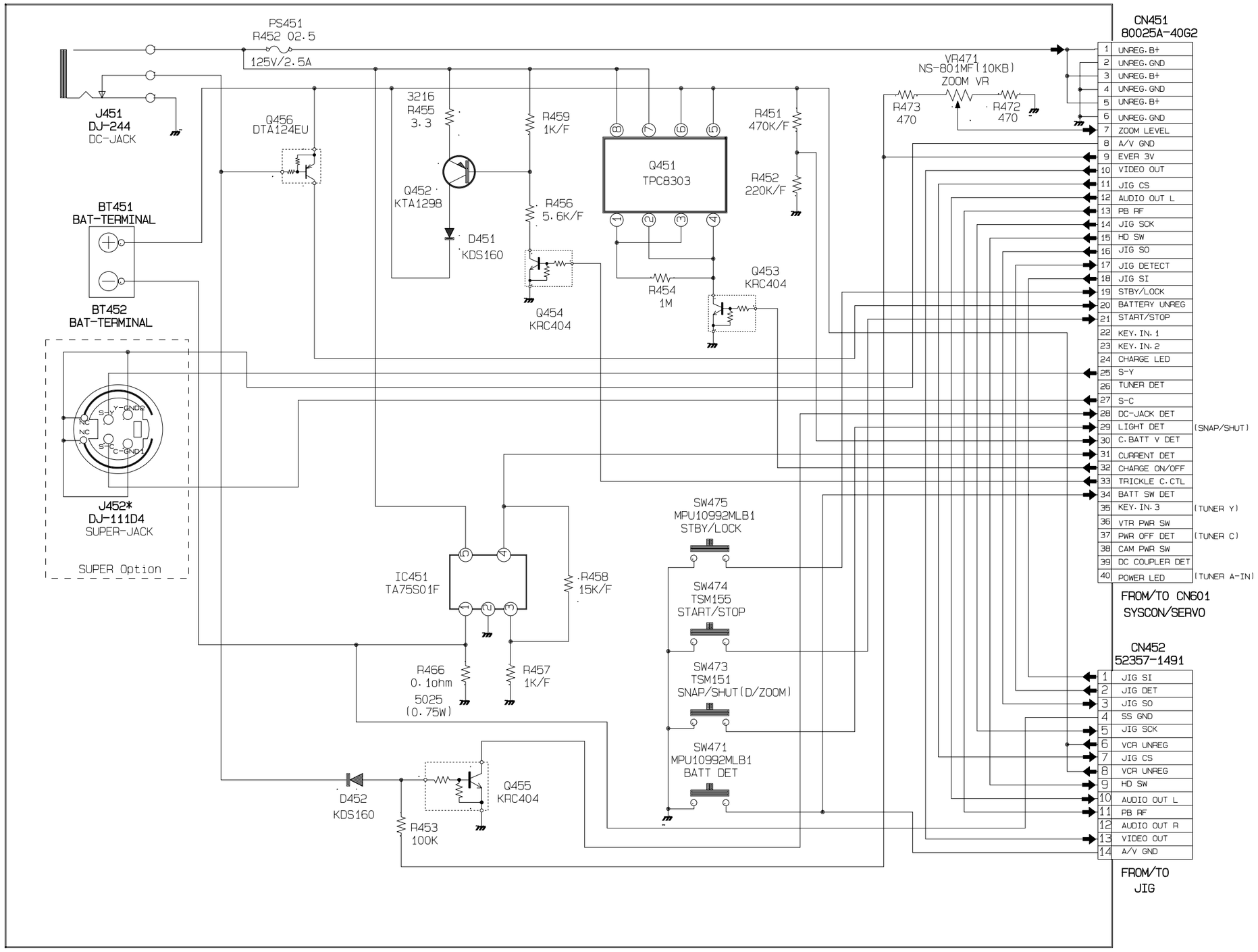
9-5 Audio (Main)



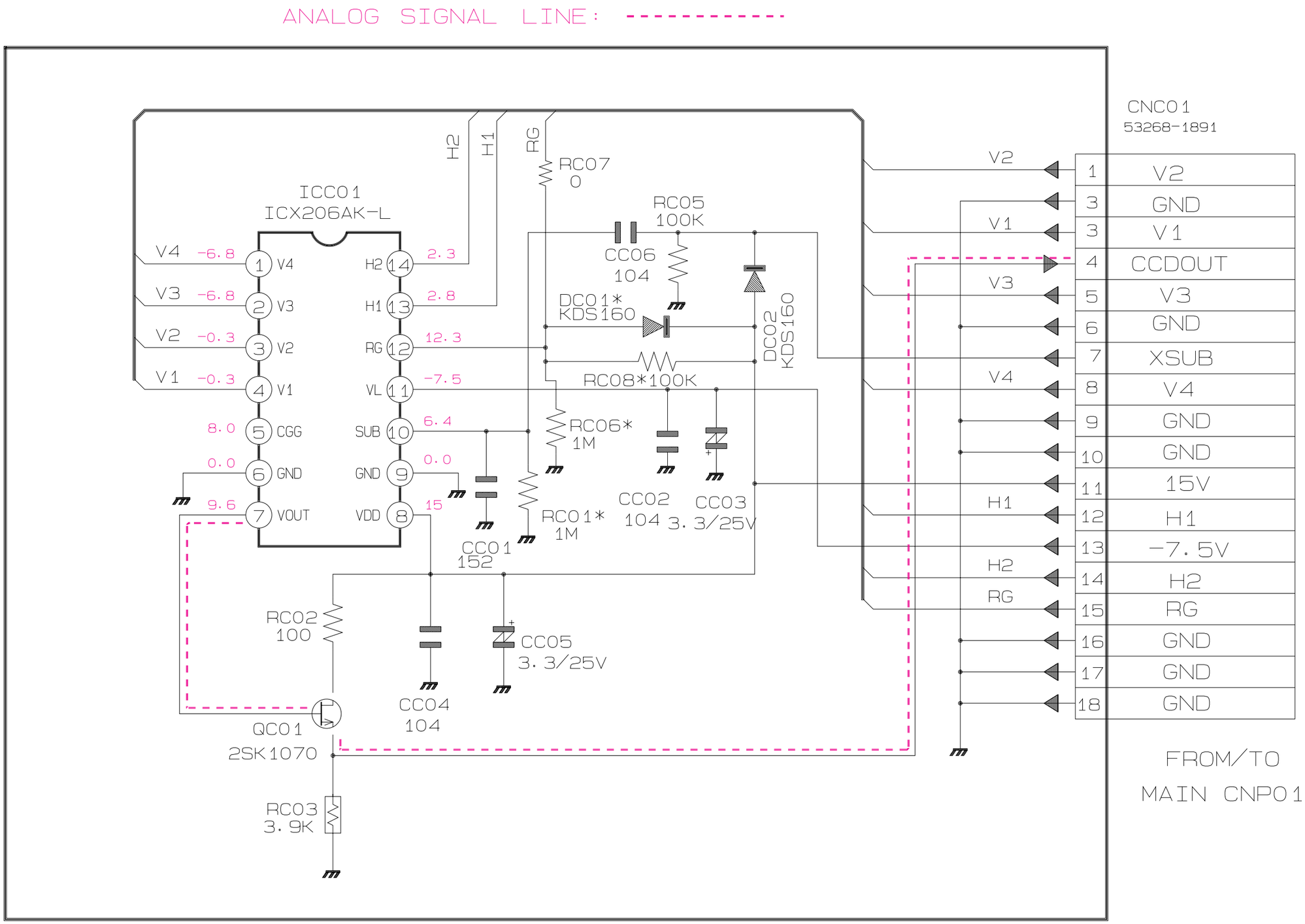
9-6 Camera (Main)



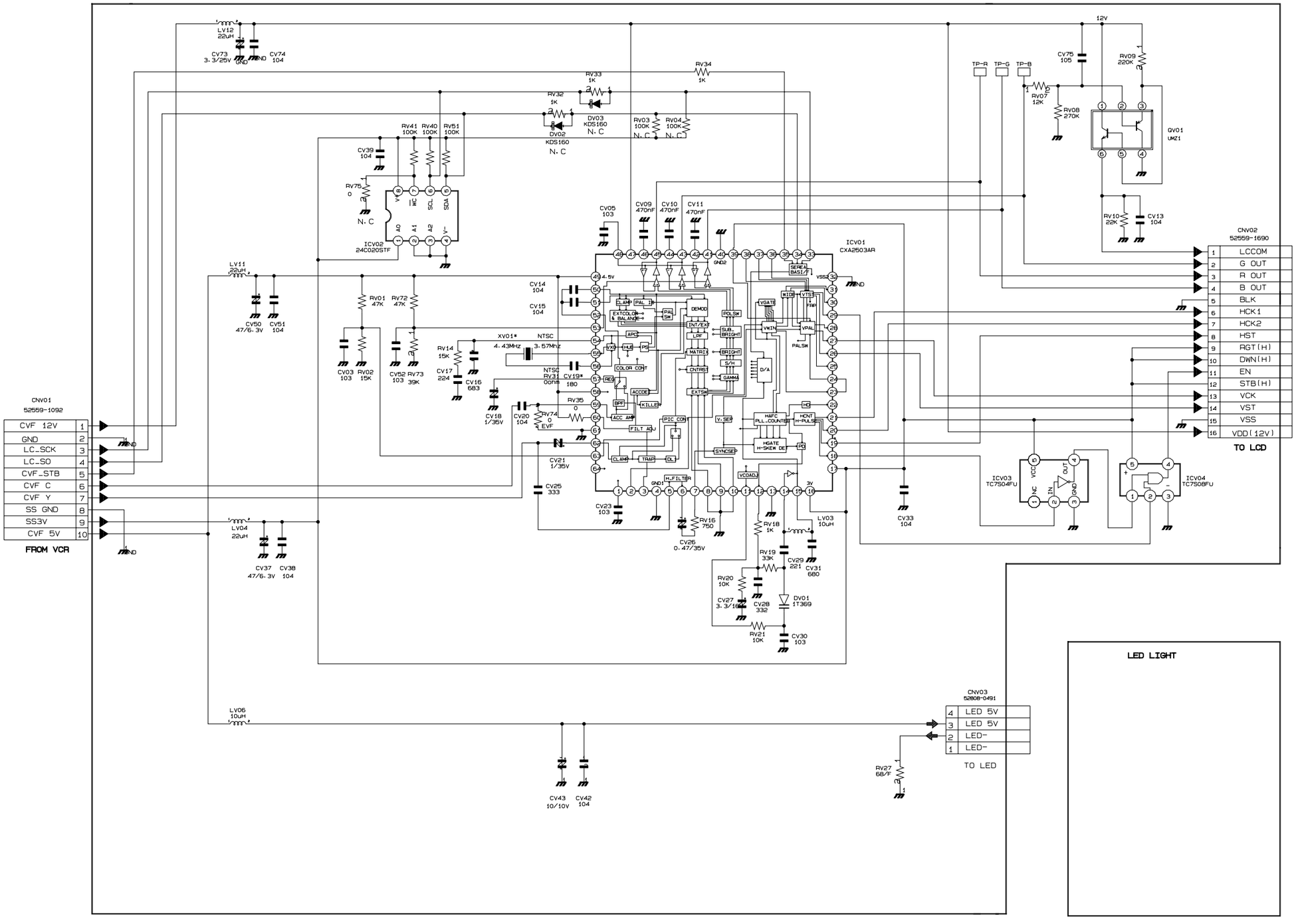
9-7 Rear


PS451
R452 02.5
125V/2.5A
J451
DJ-244
DC-JACK
Q456
DTA124EU
3216
R455
3.3
R459
1K/F
Q452
KTA1298
R456
5.6K/F
D451
KDS160
Q454
KRC404
Q451
TPC8303
R451
470K/F
R452
220K/F
R454
1M
Q453
KRC404
VR471
NS-801MF(10KB)
ZOOM VR
R473
470
R472
470
BT451
BAT-TERMINAL
BT452
BAT-TERMINAL
J452*
DJ-111D4
SUPER-JACK
SUPER Option
IC451
TA75S01F
R458
15K/F
R466
0.1ohm
5025
(0.75W)
R457
1K/F
D452
KDS160
Q455
KRC404
R453
100K
SW475
MPU10992MLB1
STBY/LOCK
SW474
TSM155
START/STOP
SW473
TSM151
SNAP/SHUT(D/ZOOM)
SW471
MPU10992MLB1
BATT DET
CN451
80025A-40G2
1 UNREG.B+
2 UNREG.GND
3 UNREG.B+
4 UNREG.GND
5 UNREG.B+
6 UNREG.GND
7 ZOOM LEVEL
8 A/V GND
9 EVER 3V
10 VIDEO OUT
11 JIG CS
12 AUDIO OUT L
13 PB RF
14 JIG SCK
15 HD SW
16 JIG SO
17 JIG DETECT
18 JIG SI
19 STBY/LOCK
20 BATTERY UNREG
21 START/STOP
22 KEY.IN.1
23 KEY.IN.2
24 CHARGE LED
25 S-Y
26 TUNER DET
27 S-C
28 DC-JACK DET
29 LIGHT DET (SNAP/SHUT)
30 C.BATT V DET
31 CURRENT DET
32 CHARGE ON/OFF
33 TRICKLE C.CTL
34 BATT SW DET
35 KEY.IN.3 (TUNER Y)
36 VTR PWR SW
37 PWR OFF DET (TUNER C)
38 CAM PWR SW
39 DC COUPLER DET
40 POWER LED (TUNER A-IN)
FROM/TO CN601
SYSCON/SERVO
CN452
52357-1491
1 JIG SI
2 JIG DET
3 JIG SO
4 SS GND
5 JIG SCK
6 VCR UNREG
7 JIG CS
8 VCR UNREG
9 HD SW
10 AUDIO OUT L
11 PB RF
12 AUDIO OUT R
13 VIDEO OUT
14 A/V GND
FROM/TO
JIG

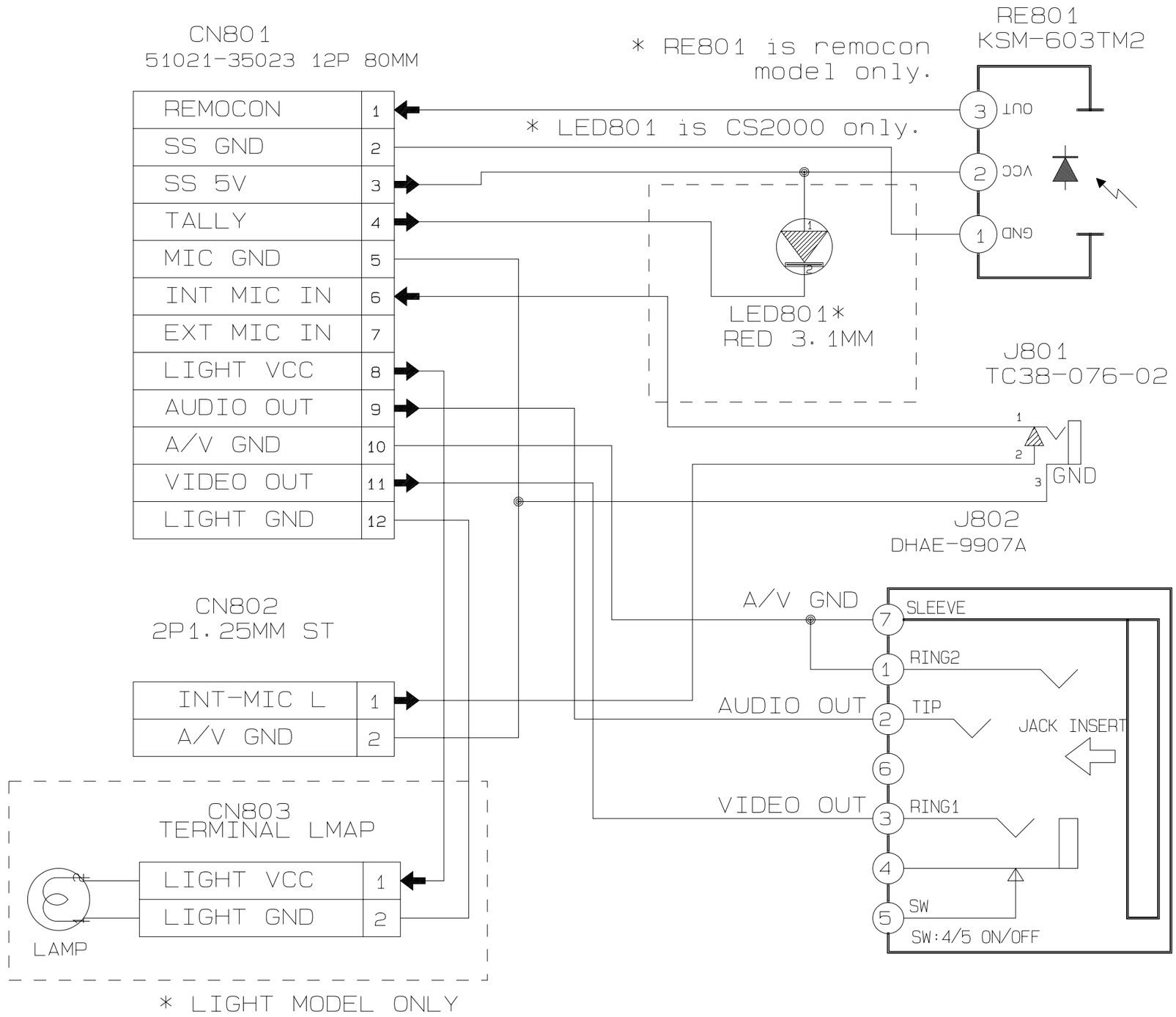
9-8 CCD


ANALOG SIGNAL LINE: ----------
ICC01
ICX206AK-L
V4 -6.8 1 V4
V3 -6.8 2 V3
V2 -0.3 3 V2
V1 -0.3 4 V1
8.0 5 CGG
0.0 6 GND
9.6 7 VOUT
H2 14 2.3
H1 13 2.8
RG 12 12.3
VL 11 -7.5
SUB 10 6.4
GND 9 0.0
VDD 8 15
RC07 0
RC05 100K
CC06 104
DC01* KDS160
DC02 KDS160
RC08*100K
RC06* 1M
RC01* 1M
CC01 152
CC02 104
CC03 3.3/25V
RC02 100
CC04 104
CC05 3.3/25V
QC01 2SK1070
RC03 3.9K
CNC01
53268-1891
1 V2
3 GND
3 V1
4 CCDOUT
5 V3
6 GND
7 XSUB
8 V4
9 GND
10 GND
11 15V
12 H1
13 -7.5V
14 H2
15 RG
16 GND
17 GND
18 GND
FROM/TO
MAIN CNP01

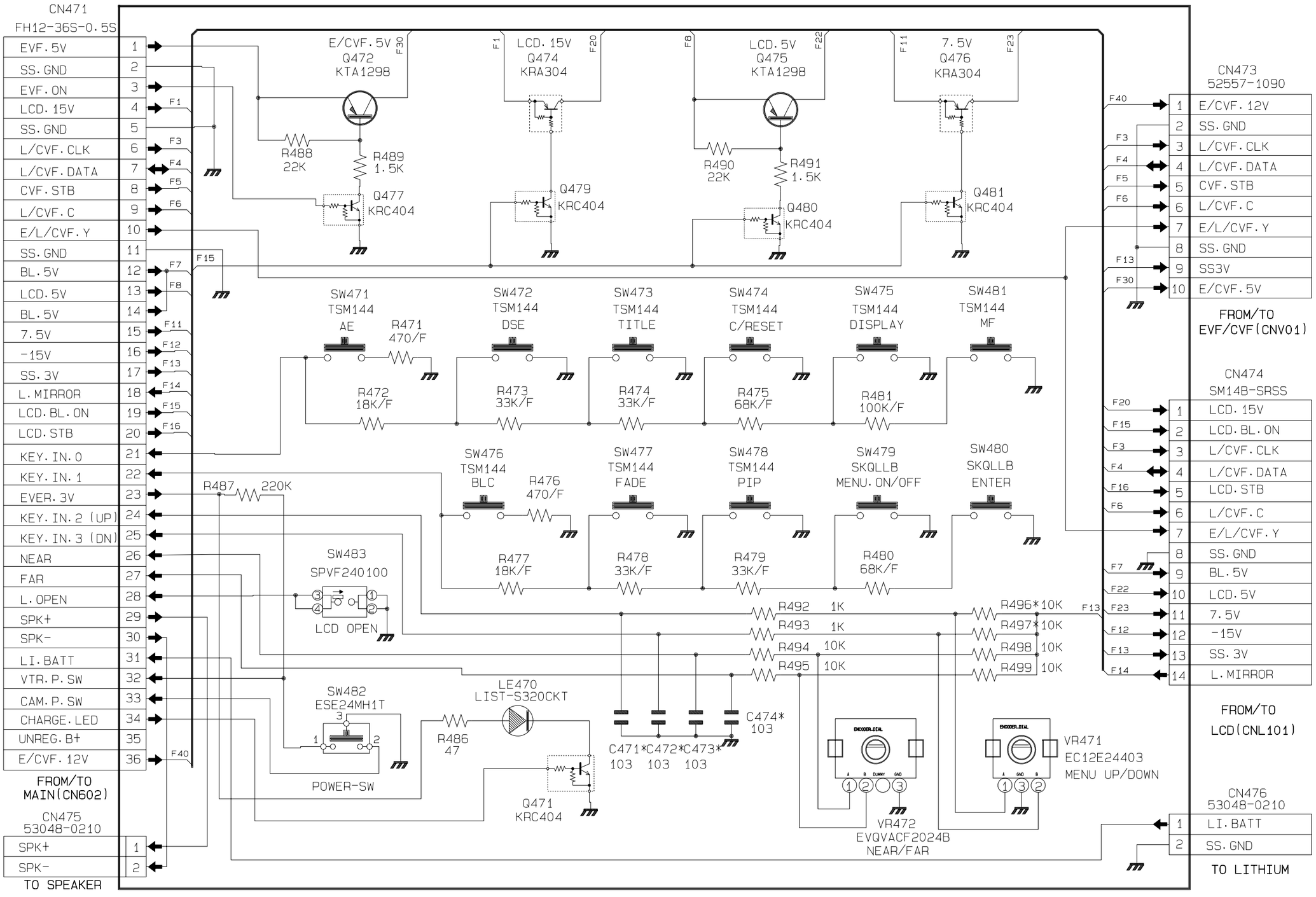
9-9 CVF


CNV01
52559-1092
CVF 12V
GND
LC_SCK
LC_SO
CVF_STB
CVF C
CVF Y
SS GND
SS3V
CVF 5V
FROM VCR
ICV01
CXA2503AR
ICV02
24C020STF
CNV02
52559-1690
LCCOM
G OUT
R OUT
B OUT
BLK
HCK1
HCK2
HST
RGT(H)
DWN(H)
EN
STB(H)
VCK
VST
VSS
VDD(12V)
TO LCD
ICV03
TC7S04FU
ICV04
TC7S08FU
QV01
UMZ1
LED LIGHT
CNV03
52808-0491
LED 5V
LED 5V
LED-
LED-
TO LED

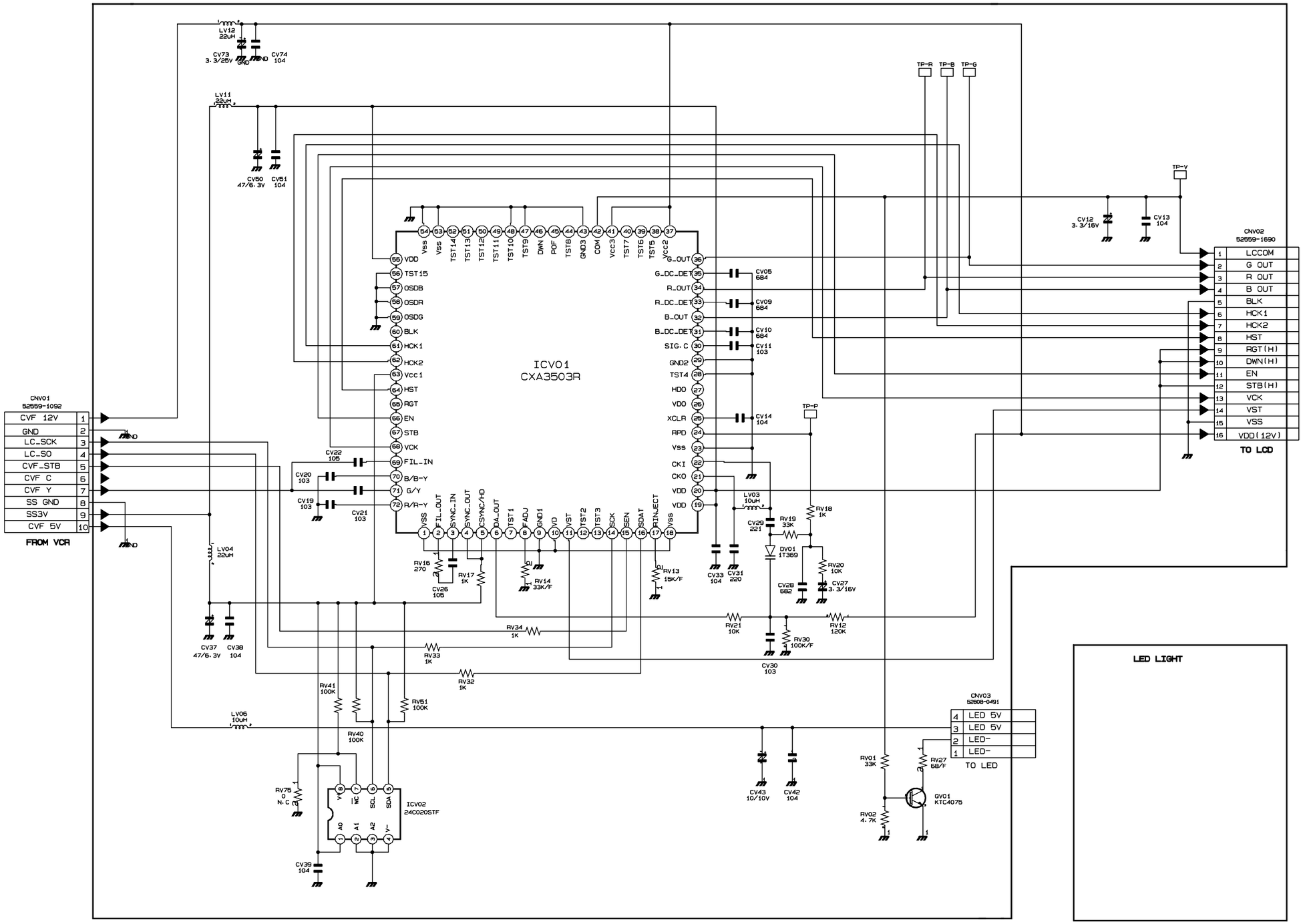
9-10 Front


CN801
51021-35023 12P 80MM
REMOCON 1
SS GND 2
SS 5V 3
TALLY 4
MIC GND 5
INT MIC IN 6
EXT MIC IN 7
LIGHT VCC 8
AUDIO OUT 9
A/V GND 10
VIDEO OUT 11
LIGHT GND 12
* RE801 is remocon model only.
RE801
KSM-603TM2
OUT 3
VCC 2
GND 1
* LED801 is CS2000 only.
LED801*
RED 3.1MM
J801
TC38-076-02
1
2
3 GND
J802
DHAE-9907A
A/V GND
AUDIO OUT
VIDEO OUT
7 SLEEVE
1 RING2
2 TIP
6
3 RING1
4
5 SW
JACK INSERT
SW:4/5 ON/OFF
CN802
2P1.25MM ST
INT-MIC L 1
A/V GND 2
CN803
TERMINAL LMAP
LIGHT VCC 1
LIGHT GND 2
LAMP
* LIGHT MODEL ONLY

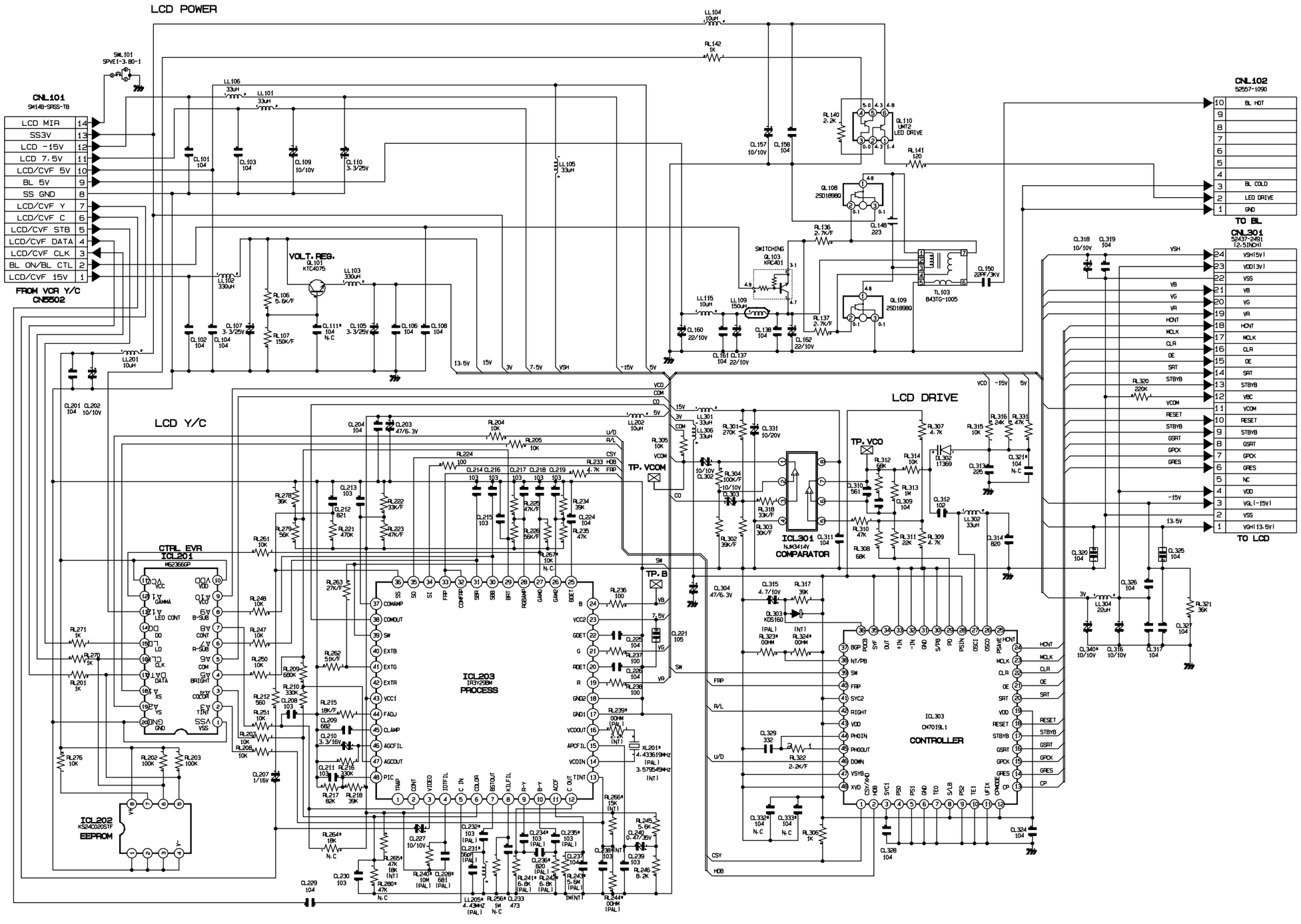
9-11 Function



9-12 EVF


ICV01
CXA3503R
CNV01
52559-1092
CVF 12V
GND
LC_SCK
LC_SO
CVF_STB
CVF C
CVF Y
SS GND
SS3V
CVF 5V
FROM VCR
CNV02
52559-1690
LCCOM
G OUT
R OUT
B OUT
BLK
HCK1
HCK2
HST
RGT(H)
DWN(H)
EN
STB(H)
VCK
VST
VSS
VDD(12V)
TO LCD
CNV03
52808-0491
LED 5V
LED 5V
LED-
LED-
TO LED
LED LIGHT
ICV02
24C020STF
QV01
KTC4075
DV01
1T369
TP-R
TP-B
TP-G
TP-V
TP-P

9-13 LCD


LCD POWER
CNL101
SM14B-SRSS-TB
LCD MIR 14
SS3V 13
LCD -15V 12
LCD 7.5V 11
LCD/CVF 5V 10
BL 5V 9
SS GND 8
LCD/CVF Y 7
LCD/CVF C 6
LCD/CVF STB 5
LCD/CVF DATA 4
LCD/CVF CLK 3
BL ON/BL CTL 2
LCD/CVF 15V 1
FROM VCR Y/C
CN5502
SWL101
SPVE1-3.80-1
VOLT. REG.
QL101
KTC4075
SWITCHING
QL103
KRC401
QL108
2SD1898Q
QL109
2SD1898Q
QL110
UMT2
LED DRIVE
TL103
843TG-1005
CNL102
52557-1090
BL HOT 10
BL COLD 3
LED DRIVE 2
GND 1
TO BL
CNL301
52437-2491
12.5INCH
TO LCD
LCD Y/C
LCD DRIVE
CTRL EVR
ICL201
MS23666P
ICL202
KS24032BSTF
EEPROM
ICL203
IR3Y29BM
PROCESS
ICL301
NJM3414V
COMPARATOR
ICL303
CM7019L1
CONTROLLER
TP. VCO
TP. VCOM
TP. B